RAIL ATLAS EUROPE

RAIL ATLAS EUROPE

Zeichenerklärung

légende

legenda

key

Eisenbahnen

chemins de fer

ferrovie

railways

zweigleisige Strecke 1435 mm / Streckennummer	4000 Tunnel · tunnel	double voie 1435 mm / numéro de ligne
eingleisig 1435 mm / Streckennummer	301-4 Tunnel · tunnel	voie unique 1435 mm
Schmalspurbahn		chemin de fer à voie étroite
Breitspur 1520, 1600, oder 1668 mm dto. eingleisig		ligne à écartement large: 1520, 1600, 1668 mm dto., voie unique
außer Betrieb		ligne non exploitée
Zahnradbahn		chemin de fer à crémaillère
Privatbahn		chemin de fer privé
Museumsbetrieb / Draisinen		chemin de fer touristique / draisine
im Bau / geplant		ligne en construction / projetée

doppio binario 1435 mm / numero di linea	4000 Tunnel · tunnel	double-track 1435 mm official line number
binario semplice 1435 mm	301-4	single track 1435 mm line number
scartamento ridotto		narrow gauge
linea a grande scartamento dto., binario semplice		broad-gauge track 1520 1600 or dto., single track
linea chiusa al traffico		line not in use
ferrovia a cremagliera		rack railway
ferrovia concessa		private railway, not in use by state
esercizio storico / dresina		touristic line line not in use track
linea in costruzione / progettata		line under construction/planned

Elektrischer Betrieb

traction électrique

trazione elettrica

electric operated lines

Wechselstrom 15 kV 16,7 Hz (Staatsbahn / Privatbahn)		courant monophase 15 kV 16,7 Hz (chemin de fer d'Etat / chemin de fer privé)
Wechselstrom 25 kV 50 Hz		courant monophase 25 kV 50 Hz
Gleichstrom 600 - 1500 V (Staatsbahn / Privatbahn)		courant continu 600 V - 1500 V (chemin de fer d'Etat / chemin de fer privé)
Gleichstrom 3000 V (Staatsbahn / Privatbahn)		courant continu 3000 V (chemin de fer d'Etat / chemin de fer privé)
Systemwechsel		limite systéme

corrente alternata 15 kV 16,7 Hz (ferrovia dello stato / concessa)		alternating current 15 kV 16,7 Hz (state railway / private railway)
corrente altemata 25 kV 50 Hz		alternating current 25 kV 50 Hz
corrente continua 600 - 1500 V (ferrovia dello stato / concessa)		direct current 750 - 1500 V (state railway / private railway)
corrente continua 3000 V (ferrovia dello stato / concessa)		direct current 3000 V (state railway / private railway)
cambiamento di tensione		change of voltage

Stationen

gares

stazioni

stations

Bahnhof, Haltepunkt, Haltestelle		gare, point d'arrêt, halte
Rangierbahnhof, Zugbildungsbahnhof		gare de triage
Umschlagbahnhof (Container)		gare intermodale (container)
Umschlagbahnhof (Huckepack)		gare intermodale (transport combiné rail-route)
Logistikzentrum	L	gare marchandises
Holzverladung	H	chargement de bois
Umspuranlage		installation de chargement d'écartement
Werkstätte, Depot		atelier, dépôt

stazione / fermata		station, halt, stop
smistamento, fascio di binari		marshalling yard
traffico intermodale (container)		intermodal station (container terminal)
trasporto combinato strada-rotaia		combined rail-road transport
stazione logistica, railport	L	logistic station
impianto di carico di legno	H	station with timber loading
impianto per il cambio dello scartamento		gauge conversion
officina, deposito		workshop, motive power depot

Sonstiges

renseignements divers

altri segni

special signs

Staatsgrenze		frontiére nationale
Steinbruch, Bergwerk		carriére, mine
Fähre	→ Harwich	bac
Straßenbahn		tramway
Standseilbahn		funiculaire
Bewegliche Brücke		pont amovible
U-Bahn, Metro	U M	métropolitain, mètro
Flughafen mit IATA-Code	ATH	aéroport avec code IATA
Eisenbahn-Museum		museé de chemin de fer
TEN-Achse	TEN 1	TEN essieu
PAN-Achse	PAN V	PAN essieu

confine di stato		national border
cava di pietra / miniera		quarry / coal mine
traghetto	→ Harwich	ferry, railway ferry
tranvia		tramway
funicolare		cableway
ponte rimovibili		moveable railway bridge
metropolitana urbana, metro	U M	underground, municipal metro
aeroporto con codice IATA	ATH	airport with IATA code
museo		railway museum
asse transeuropea	TEN 1	TEN-T-axe
corridoi paneuropeo	PAN V	PAN-axe

- Navigation with the future Galileo satellite system

Energy (TEN-Energy)

Telecommunications (eTEN)

- Information Systems (GIS)

The European Council approved the first 14 TEN-T projects in 1994. Guidelines were established for TEN-T in 1996 (Decision No 1692/96/EC of 23 July 1996, amended by Decision No 1346/2001/EC of 22 May 2001 and Decision No 884/2004/EC of 29 April 2004). Since 2001 TEN-T includes not only all modes of transport, but also traffic management systems. By 2020 a rail network of about 94,000km, an inland waterway network of approximately 11,250km and a road network of around 89,500km will have been created.

Implementation of the TEN-T projects proved very difficult, and by 2003 only about a third of the planned transport network was completed. The guidelines were amended in 2004, and the TEN-T projects should now be more focused and coordinated across Europe. Since 2004 the new list includes 30 priority transport axes and projects, as numbered below:

1 Rail axis: Berlin-Verona/ Milano-Bologna-Napoli-Messina-Palermo
2 High-speed axis: Paris-Brussels/ Brussels-Cologne-Amsterdam-London
3 High-speed railway axis in south-west Europe: Paris-Madrid
4 High-speed axis: east Paris-eastern France-Frankfurt/ Stuttgart-Munich
5 Betuweroute: Maastricht-Kijfhoek-Zevenaar-Emmerich-Oberhausen
6 Railway axis: Lyon-Trieste-Divaca/Koper-Ljubljana-Budapest-Ukrainian border at Chop
7 Paris-Bratislava rail corridor
8 Multimodal axis: Portugal/Spain-rest of Europe: Portugal-Spain-France
9 Rail axis Ireland: Cork-Dublin-Belfast-Stranraer (completed 2001)
10 Connection to Milan Malpensa Airport (completed 2001)
11 Öresund Land Bridge
12 Rail/road axis: Nordic Triangle (various routes)
14 West Coast Main Line: Edinburgh/Glasgow-Carlisle-(Manchester or Liverpool)-Crewe-(Birmingham) -Rugby-London
15 Galileo satellite navigation
16 Railfreight axis: Sines/Algeciras-Madrid-Paris
17 Rail axis: Paris-Strasbourg-Stuttgart-Munich-Vienna-Bratislava/Budapest
18 Inland waterway, Rhine-Danube: Rhine/ Meuse-Main-Danube
19 High-speed axis (interoperable) in Iberian peninsula
20 Rail axis: Fehmarn Belt
21 'Motorways of the Sea', including Nord-Ostsee-Kanal
22 Rail axis: Athens-Sofia-Budapest-Vienna-Prague-Nuremberg/Dresden
23 Rail axis: Gdansk-Warsaw-Brno/Bratislava-Vienna
24 Rail axis: Lyon/Genoa-Basel-Duisburg-Rotterdam/Antwerp
25 Motorway axis: Gdansk-Vienna
26 Rail/road axis: Ireland/United Kingdom/continental Europe
27 'Baltic rail axis': Warsaw-Kaunas-Riga-Tallinn-Helsinki
28 'Eurocaprail' rail axis: Brussels-Luxembourg-Strasbourg
29 Rail axis: Ionian-Adriatic intermodal corridor
30 Inland waterway: Seine-Schelde

The EU member states have to finance their own country's TEN-T projects themselves, so implementation is highly dependent on the financial strength of the individual countries, although the EU budget provides additional resources. National investment through the European Regional Development Fund (ERDF) and the Cohesion Fund can be co-financed as part of the European transport network. The European Investment Bank and the European Investment Fund can also assist with loans and finance guarantees.

PAN corridors

In addition to the TEN-T projects, pan-European transport corridors were defined by the European Transport Conferences in Crete in 1994 and Helsinki in 1997. Ten major routes connected Europe from the Atlantic to the Volga and from Scandinavia to the Mediterranean. The ten PAN corridors are designated by Roman numerals:

I Helsinki-Tallinn-Riga-Kaunas-Klaipeda-Warsaw
II Berlin-Poznan-Warsaw-Brest-Minsk-Smolensk-Moscow -Nizhny Novgorod
III Dresden-Milkowice-Wroclaw (Breslau)-Katowice-Krakow-Lviv-Kiev
IV Dresden-Prague-Brno/Vienna/ Bratislava-Györ-Budapest-Arad-Craiova-Sofia-Plovdiv-Svilengrad-Edirne-Istanbul
V Venecia-Trieste-Koper-Ljubljana-Maribor-Budapest -Uzhgorod-Lviv-Kiev
VI Gdansk-Grudziadz-Torun-Zebrzydowice-Zilina
VII Germany-Austria-Bratislava-Györ-Croatia-Serbia-Rus -Lom-Constanta
VIII Durres-Tirana-Skopje-Bitola-Sofia-Dimitrovgrad-Burgas
IX Helsinki-Wyborg-St Petersburg-Pskov-Kiev-Ljubasewka-Chisinau-Bucharest-Ruse-Veliko Tarnovo-Kazanlak-Stara Agora-Dimitrovgrad-Haskovo-Charmanli-Svilengrad-Alexandroupolis
X Salzburg-Villach-Ljubljana-Zagreb-Beograd-Nis-Skopje -Veles-Thessaloniki

ERTMS corridors

The objective of the European Commission is to replace more than 20 different national train control systems in Europe by the European Rail Traffic Management System (ERTMS). While this system is already successfully used on many high-speed lines and is very successful worldwide, interoperable freight corridors are still not available in some countries. To increase the efficiency and sustainability of freight transport in the EU, six corridors (A-F) have been proposed, which are to be equipped with ERTMS with TEN-T funding.

Freight corridors

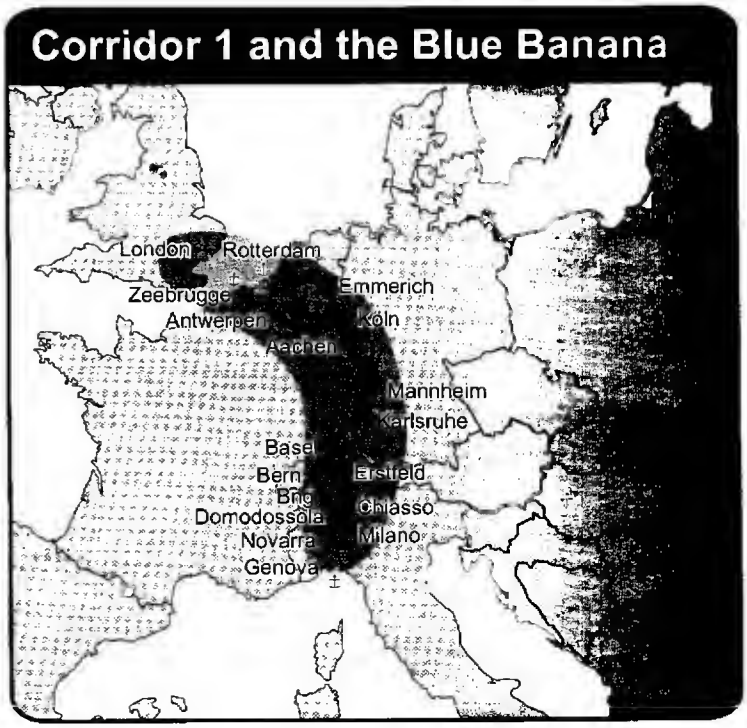
The European Commission, which aims to make European rail transport competitive under the four railway directives, has added to Regulation 913/2010, for a competitive European railfreight network, other aims that oblige the member states, and in particular their infrastructure management, to act together. **Nine railfreight corridors were defined, to be set up between 2013 and 2015:**

1 Zeebrugge-Antwerp/Rotterdam/ Aachen-Cologne-Mannheim-Basel-Milan-Genova
2 Rotterdam-Antwerp-Luxembourg-Metz-Dijon-Lyon/Basel
3 Stockholm-Copenhagen-Hamburg-Munich-Innsbruck -Verona-Palermo
4 Sines-Lisbon/Leixoes-Madrid-San Sebastian-Bordeaux-Paris/Le Havre/Metz
5 Gdynia-Katowice-Ostrava/Zilina-Vienna-Trieste/Koper
6 Almeria-Valencia/Madrid-Zaragoza/Barcelona-Marseille-Lyon-Turin-Udine-Trieste/Koper-Ljubljana-Budapest-Zahony (Hungary/Ukraine border)
7 Prague-Vienna/Bratislava-Budapest-Athens/Constanta
8 Bremerhaven/Rotterdam/Antwerp-Aachen/Berlin-Warsaw-Terespol (Poland/Belarus border)/Kaunas
9 Prague-Horni Lidec-Zilina-Kosice-Crerna and Tisou (Slovakia/Ukraine border)

The railfreight corridors partly coincide with the EU-defined Trans-European Networks TEN-T and the PAN corridors. This is especially true for the first of the nine corridors, which corresponds closely to the TEN 24 axis, which, as the 'Blue Banana' urbanisation corridor from North West England to northern Italy, is the strongest economic area in central Europe.

But it will be many years before these freight axes are fully operational. Already the number of free paths for freight trains is determined by the tight timing of passenger trains and long-distance traffic; [illegible] night hours are there sufficient slots for freight, such as the Middle Rhine Valley (corridor I = TEN 24). However, there is also the high risk of noise pollution on the historic north-south route used by freight trains, which passes through almost all the towns in the Middle Rhine Valley, while the fast-moving passenger trains on the high-speed line travel away from the towns by the Westerwald. This high-speed line (also part of TEN-T) is completely unsuitable for freight trains because of the steep track alignment, and its use is therefore not permitted.

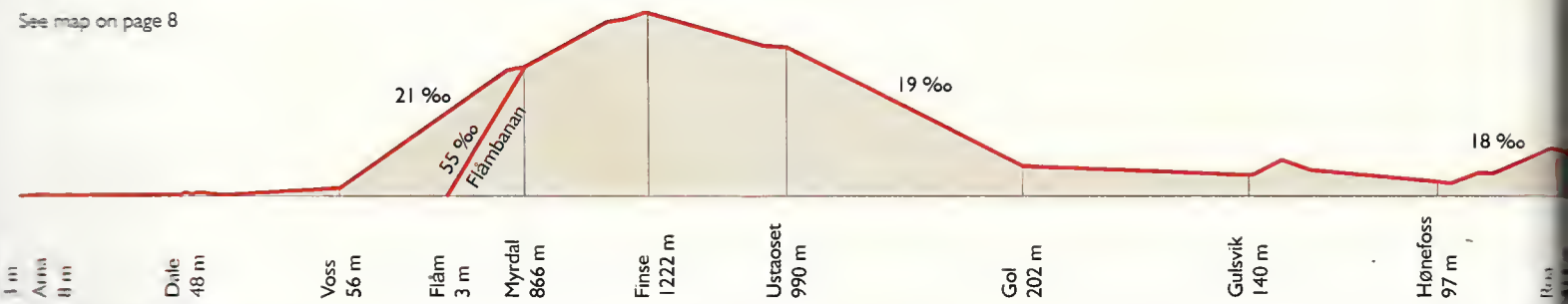
Hinterland transport to the western ports (Zeebrugge, Antwerp, Rotterdam and Amsterdam, the 'ZARA' ports) faces a similar situation to that of the ports of the north and east. The north-south axis from the



Bergen Railway / Bergensbanan

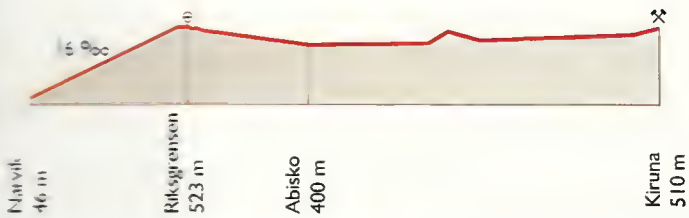
Length 471,25 km

See map on page 8



Iron ore line Kiruna - Narvik / Ofotbanen / Malmbanan

Length Narvik - Luelà 473 km
Length Narvik - Kiruna 168 km



Norwegian Sea

Senja

Andfjorden

Andøya

Vesterålen

Hurtigruta

Langøya

Hadseløya

Hinnøya

Austvågøy

Lofoten

Vestvågøy

Vestfjorden

Moskenesøya

Hurtigruta

Old line, built for strategic reasons, discontinued in 1988 across bridge at Norddal (140 m long and 40 m high). The old route may be recommissioned to increase capacity.

In Narvik:
LKAB Malmtrafikk AS
Cargo Net AS

NVK

Ofotbanen

Narvik

Fagernes

Ofotfjorden

Rombak

Katterat

Bjørnfjell

Riksgränsen

Vassijaure/ Vassejávri

New interchange station at Djupvik planned / under construction

Torne-

Malmbanan / Ofotbanen:
max permissible train length
max permissible axle load

Valnesfjord

Bodø

BOO

Fauske

Trondheim


A
B
C
D
Nordkap
HVG
MEH
Hurtigruta
Barents Sea
Oslo
3 m
Hurtigruta
Hurtigruta
Varangerfj
KKN
Kirkenes
Bjørnevatn
Industrial railway Kirkenes - Bjørnevatn
to the steel plant near Kirkenes
NORWAY
Skibotn
Inarijärvi
Inari
RUSSIA
The town of Kiruna will be moved 5 km to the east c. 2020 because of the continuing underground ore mining at Erzberg Kirunavaara and the resulting surface damage in the town. The new stretch of line was built in 2012, to divert the railway round Kiruna and the mining at Kirunavaara.
Kaisepakte
Malmbanan
Torneträsk
Bergfors
Rautas
Luossavaara
LKAB
Kiruna
Old line, closed
New line
Kiruna Wagon AB
LKAB
KRN
Kirunavaara
Råtsi
Aptas
LKAB
Kalixfors
Svappavaara
Torneträsk
FINLAND
Rautuvaara
Kaunisvaara
Sahavaara
Kolari
SWEDEN
Fjällåsen
Malmbanan
PJA
Pajala
Håmojåkk
LKAB
Vitåfors
Koskullskulle
Sikträsk
Gällivare
IBAB
Inlandsbanan
GEV
Kemijärvi
Storuman
Luleå
Tornio
Laurila

A
B
C
D
2
8
Norwegian Sea
Atlantic
Ocean
NORWAY
Bodø
BOO
Hurtigruta
Gruber Storforshei
Skonseng
MQN
Mo i Rana
Bjerka
Drevvatn
Mosjøen
Kvalfors
Trofors
Svenningdal
Majavatn
Namsskogan
Nordlandsbanen
Lassemoen
Harran
Skogmo
Skage
Namsos
OSY
Namsosbanen
Grong
Formofoss
(Skogmo - Namsos out of service)
Agle
Snåsa
Starrgrasmyra
Stod
Steinkjer
Electrification to Steinkjer planned
Røra
Verdal
Levanger
Skogn
Åsen
Skatval
Stjørdal
TRD
Hell
Hegra
Gudå
Meråker
Meråkerbanen
Kopperå
Storlien
Electrification to Storlien planned
Mittbanan
Trondheim
Cargo Net AS
Ranheim
Hommelvik
Heimdal
Melhus
Ler
Støren
Extension of double-track from Trondheim to Stjørdal planned
Orkanger
Fannrem
Thamshavnebane
1000 mm
(6600 V 25 Hz AC)
Løkken


A
B
3
Kiruna
C
Kolari
D
FINLAND
Iron ore line (Malmbanan):
max permissible train length 750 m
max permissible axle load 30 t
(Track Class G)
Malmbanan
LKAB
Vitåfors
Koskullskulle
Sikträsk
Gällivare
GEV
Aitik
IBAB
Inlandsbanan
Koijuvaara
Porjus
Ripats
Nuortikon
Nattavaara
Koskivaara
Polcirkeln
Vajkijaur
Jokkmokk
Murjek
Arctic Circle
Lakaträsk
old Haparanda line out of service
Vitvattnet
Sågbäcken
Morjärv
Avafors
Niemisel
Sandträsk
Gransjö
Haparandabanan
Kosjärv
Kalix
Haparanda
Bredviken
Karlsborg
Kåbdalis
Ljuså
Diversion for iron-ore trains
Degerbäcken
Boden
Brännberg
Hednoret
Sunderby sjukhus
Gammelstad
Laduberg
Älvsbyn
Luleå
LKAB Malmtrafikk AB
EuroMaint Rail
Moskosel
Korsträsk
Karlsvik
Jämeträsk
Piteåbanan
LLA
Port of Svartön
Storsund
Arnemark
Arvidsjaur
Koler
Nedlagd
out of service
Sorsele
Långträsk
Piteå
Stambanan genom övre Norrland
Träskholm
Norrbotniabanan
Storträsk
Storuman
Jöm
Lidlund
Karsbäcken
Skellefteåbanan
Skellefteå
Bastuträsk
Skelleftehamns
Finnforsfallet
Rönnskärsverken
Kattisträsk
Railcare Group
Gulf
of
Bothnia
Åsträsk
Ångermanälv
Lycksele
Lubbträsk
Vilhelmina
Ytterdsjön
SWEDEN
Hällnäs
Vindeln
Dorotea
Tväralund
Norrbotnia line extension to Luleå planned / delayed until 2025
Hoting
Tväråbäck
Brattoy
Vännäs
Umeå
Hörnsjö
UME
Stöcke
Strömsund
Norrfors
Nyåker
Ängersjö
ETCS Lev.
Holmsund
Pietarsaari
Ulriksfors
Trehörningsjö
Björna
Björnsjö
Nordmaling
Tågsjöberg
Jamtlands Sikås
Botniabanan
Rundvik
Saluböle
Mellansel
Aspeå
Anundsjö
Skorped
Gideåbacka
Husum
Rågön
Backsjön
Drömme
Örnsköldsvik
Vaasa
Forsmo
Hämrasviken
Långsele
Graninge
KRF
Västeraspby
Ragunda
Nyland
Bräcke
Sundsvall
9


A
B
C
D
2
Kiruna
Kolari
Malmbanan
LKAB
Vitåfors
Sikträsk
Gällivare
GEV
IBAB
Inlandsbanan
Koijuvaara
Aitik
Porjus
Ripats
Nuortikon
Iron ore line (Malmbanan):
max permissible train length 750 m
max permissible axle load 30 t
(Track Class G)
RVN
Rovaniemi
Nattavaara
Koskivaara
Vajkijaur
Jokkmokk
Polcirkeln
Arctic Circle
Murjek
Lakaträsk
old line of Haparandabanan
out of service
Vitvattnet
Sågbäcken
Mogärv
Karungi
Avafors
Sandträsk
Niemisel
Gransjö
Haparandabanan
Nya Haparandabanan
Tornio
Vuonoskogen
Laurila
Kalix
Haparanda
Kåbdalis
Kemi
Ljuså
Bredviken
Diversion for
iron-ore trains
Karlsborg
Röyttä
out of service
Degerbäcken
Boden
Brännberg
Hednoret
Moskosel
Laduberg
Sunderby sjukhus
Älvsbyn
Gammelstad
Korsträsk
Karlsvik
Luleå
Järneträsk
Piteåbanan
Storsund
LKAB Malmtrafikk AB
EuroMaint Rail
Arnemark
Arvidsjaur
Koler
Sorsele
BAB
Nedlagd
out of service
Långträsk
Stambanan genom övre Norrland
Piteå
Träskholm
SWEDEN
Storträsk
Norrbotniabanan
Gulf
Jörn
Raahe
Lidlund
Karsbäcken
Skellefteå
Skelleftebanan
Bastuträsk
Skelleftehamns
Finnforsfallet
Rönnskärsverken
Kattisträsk
Railcare Group
of
Åsträsk
Lycksele
Lubboträsk
Ytterdsjön
Bothnia
Ylivieska
Hällnäss
Norrbotniabanan
planned
Vindeln
Norrbotnia line extension
to Luleå planned / delayed
until 2025
Tvärålund
Kokkola
Tväråbäck
Vännäs
Umeå
Pietarsaari
Hörnsjö
UME
Pännäinen
Stöcke
Holmsund
Nyåker
Norrfors
Ängersjö
Trehörningsjö
Botniabanan
Stambanan genom övre Norrland
Björna
Björnsjö
Nordmaling
Rundvik
Botniabanan
Saluböle
Mellansel
Aspeå
Anundsjö
Gideåbacka
Husum
Skorped
Rågön
Vaasa
Backsjön
Drömme
Örnskoldsvik
Forsmo
Härnrasviken
Långsele
Botniabanan
ETCS L.e.v.
Granege
Västeraspby
KRF
Seinäjoki
Nyland
Sundsvall
Kaskinen
Tampere
12


A
B
C
D
3
13
Kellosälkä
Murmansk
Tampere
Kouvola
Pieksämäki
Kemijärvi
Loukhi
White
Sea
Sofporog
Pyaozero
Kouzema
FINLAND
SUOMI
RUSSIA
ROSSIA
Yushkozero
Ämmänsaari
Kostomuksha
Vartius
Ledmozero
Vacha
Paltamo
Kontiomäki
KAJ
Kajaani
Vuokatti
Muezerka
Otanmäki
Trainstech Oy
Murtomäki
Talvivaara
Nurmes
Lendery
Brusnichnaya
Pyhäsalmi
Iisalmi
Pyhäkumpu
Lieksa
Pankakoski
Uimahaju
Ilomantsi
Siilinjärvi
KUO
Kuopio
JOE
Joensuu
Viinijärvi
Iisvesi
Suonenjoki
Säkäniemi
Vartsila
Äänekoski
Varkaus
Matkasjelkja

Norwegian Sea
NORWAY
Skagerrak
Trondheim
Hovin
Støren
Rognes
Singsås
Langlete
Haltdalen
Garli
Berkåk
Ulsberg
Rugldalen
Glåmos
Fagerhaug
Oppdal
Dovrebanen
RRS
Os
Tolga
Kongsvoll
Hjerkinn
Tynset
Auma
Alvdal
Rørosbanen
Åndalsnes
Marstein
Verma
Bjorli
Raumabanen
Lesjaverk
Lesja
Fokstua
Dombås
Dovre
Brennhaug
Sel
Otta
Sjoa
Kvam
Vinstra
Hundorp
Ringebu
Fåvang
Tretten
Øyer
Hunderfossen
Lillehammer
Hanestad
Atna
Koppang
Opphus
Rena
Rudstad
Brottum
Moelv
Brumunddal
MiTrans AS
Gjøvik
Hamar
Raufoss
Stange
Sørli
Eina
Tangen
Strandlykkja
Jaren
Gran
Minnesund
Eidsvoll
Gardermoen
OSL
Dal
Bergermoen
Hen
Roa
Jevnaker
Bjørgeseter
Sokna
Hønefoss
Hakadal
Frogner
Nittedal
Gardermobanen
Randsfjord
Ringeriksbanen (planned)
OSLO
Alna
Lillestrøm
Lysaker
Oslo S
Sandvika
Asker
Cargo Net AS
Mantena AS
MiTrans AS
Drammen
Ski
Østfoldbanen
Østre linje / Eastern line
Spikkestad
Skoger
Vestfoldbanen
Holmestrand
Horten
Moss
Rakkestad
Skoppum
Tønsberg
Rolvsøy
Sarpsborg
Fredrikstad
Berg
Halden
Hangartner AS
Strömstad
TRF
Torp
Sandefjord
Lauve
Larvik
Vestfoldbanen partly two-tracked, double-track for entire line under construction
Fagernes
Bjørgo
Dokka
Valdresbanen (out of service)
Gol
Nesbyen
Al
Geilo
Flå
Gulsvik
Bergensbanen
Rødberg
out of service
Veggli
Rollag
Numedalsbanen
Krøderen
Kløftefoss
Krøderbanen (Norsk Jernbaneklubb)
Vikersund
Hokksund
Flesberg
Kongsberg
Hvittingvoss
Rjukanbanen out of service
Rjukan
Mæl
Tinnsjø
Tinnoset
Notodden - Tinnoset out of service
Tinnosbanen
Notodden
Hjuksebø
Bo
Lunde
Nordagutu
Bratsbergbanen
Grenland Rail AS
Skien
Oklungen
Borgestad
Porsgrunn
Eidanger
Brevik
(planned for 2018)
Drangedal
Neslandsvatn
Sørlandsbanen
Gjerstad
Kragerø
Vegårshei
Gudvangen
Flåm
Myrdal (866 m)
Flåmsbanen
Voss (56 m)
Mjølfjell
Finse (1222 m)
Dale
Bergensbanen (Bergen - Voss 1875-1901 1067 mm)
Garnes
Granvin
Bergen
Minde
Arna
Vaksdal
Gamle Vossabana (Norsk Jernbaneklubb)
Midttun
BGO
Hurtigruta
Stavanger
SVG
Jåttåvågen
Sandnes
Ganddal
Figgjo
Klepp
Ålgård
Bryne
Kristiansand
Göteborg
A
B
C
D
4
10
to Flåm
55 ‰
Kjosfossen
Flåmsbanen
Reinungen
Loops of the Flåm Railway near Myrdal
55 ‰
Bergensbanen
to Oslo
to Bergen
Myrdal (866 m)

5
A
B
C
Östersund
Långsele
Långsele, Umeå
ETCS Lev. 2
SWEDEN
Bottenhavet
Selkämeri
Siljan
Vänern
Hjälmaren
Mälaren
Bergslagen
Västmanland
STOCKHOLM
Nyland
Kramfors
Ragunda
Roback
Bispgården
Brunflo
Fåker
Pilgrimstad
Dockmyr
Grötingen
Gällö
Stambanan genom övre Norrland
Adalsbanan
Härnösand
Svenstavik
Bräcke
Bensjöbacken
IBAB
Inlandsbanan
SDL
Timrå
Torpshammar
EuroMaint Rail
Alby
Ånge
Midwaggon AB
Östavall
Mittbanan
Töva
Sundsvall
Svartvik
Ramsjö
Norra Stambanan
Ostkustbanan
Gnarp
Sveg
Harmånger
Via
Ljusdal
Dellenbanan, Nedlagd
out of service, trolley traffic
Hudiksvall
Järvsö
Iggesund
Tandsjöborg
Österdalälven
Boda
Vallsta
Myra
Arbrå
Losesjön
Edsbyn
Bollnäs
Söderhamn
Stugsund
Mobodarne
Kilafors
TRV
Vallvik
Dala-Hälsinglands Järnväg
Holmsveden
Sunnäsbruk
Märbäck
Orsa
Mora
Mo grindar
Norrsundet
Ockelbo
Hamrångefjärden
Lomsmyren
SweMaint AB
Grundset
Everum
Järbo
Hagaström
Gävle
Braskereidfoss
Gryckbo
Sandviken
Skutskär
Solørbanen
Malung
Falun
Bergslagsbanan
Storvik
Bombardier
Flisa
Vansbro
Västerdalsbanan
Borlänge
Midwaggon AB
Marma
Byvalla
Double track planned
Kirkenær
Inlandsbaneb (Mora - Lomsmyren - Vansbro - Lesjöfors out of service, Vansbro - Vika, Lesjöfors - Vakern partly bicycle handcar
Dalabanan
Tierp
Örbyhus
Inlandsbanan, out of service
partly bicycle handcar
Järlebo
Skarnes
Ludvika
Avesta
Kongsvinger
Kongsvingerbanen
Kärrgruvan
Torsby
Grängesberg
Fryksdalsbanan
Snyten
Sala
Morgongåva
Salsta
Ängelsberg
Fagersta
Järåsa
Lesjöfors
Ställdalen
Uppsala
Skotterud
Magnor
Charlottenberg
Ranst
Arlanda
Bratheden
ARN
Persberg
Rällsa
Tillberga
Tortuna
Bombardier
Östfoldbanen: additional double-track line planned Oslo - Ski (Follobanen partly in tunnel); in operation ca. 2019
Arvika
Filipstad
Västerås
Mälarbanan
Värmlandsbanan
Nykroppa
Kolbäck
Bro
Nora - Bergslags Veteran-Jernväg
Nora
Strömsholm
Extension planned ETCS Lev. 2
Kil
Frövi
Jädersbruk
Kungsör
EKT
Strängnäs
Karlstad
KSD
Erválla
Folkesta
Eskilstuna
Mariefred
Grums
Bofors
Hovsta
Arboga
Kjula
Läggesta
Östra Södermanlands Järnväg
Kristinehamn
Tågåkeriet i Bergslagen AB
Örebro
Hällsta
Tramway Museum
Malmköping
Degerfors
Södertälje
Svanskog
Hälleforsnäs
Kumla
Flens övre
Järna
Säffle
Dressinstrafik, out of service, trolley traffic
Hallsberg
Vingåker
Flen
Gnesta
Dal - Västra Värmlands Järnväg
Åmål
Vänernbanan
Laxå
Vestra stambanan
Katrineholm
Bengtsfors
Gullspång
Skymossen
Vagnhärad
Strångsjö
Ed
Gårdsjö
Mariedamm
Vrena
Nyköpingsbanan
Sjösa
Lyrestad
Simonstorp
Kolmården
Nyköping
Degerön
Finspång
Jönåker
Oxelösund
Manestad
Åby
Göteborg
11
D

Oslo
Oslo
Oslo
Oslo
NORWAY
Stavanger
SVG
Jåttåvågen
Sandnes
Ganddal
Figgjo
Ålgård
Klepp
Bryne
Nærbø
Brusand
Helleland
Egersund
Moi
Sira
Flekkefjord
Sandvatn
Sørlandsbanen
Audnedal
Mamardal
Bre-
land
Langemyr
Røyknes
Setesdalsbanen
1067 mm
Grovane
KRS
Kristiansand
former
Setesdalsbanen
Kristiansand -
Byglandsfjord
1067 mm
1895-1962
Byglandsfjord
Oggevatn
Rise
Froland
Arendal
Grimstad
Helldalsmo
Nelaug
Sørlandsbanen
Vegårshei
Gjerstad
Neslandsvatn
Drangedal
Treungen
Porsgrunn
Eidanger
Brevik
(planned
for 2018)
Larvik
Lauve
Kragerø
Halden
Skee
Strömstad
Tanum
Bohusbanan
Lysekil
Skagerrak
Skagen
Ålbæg
until 1924 1000 mm
Skagensbanen
Hirtshals
NJ
Frederikshavn
Hjørring
Læsø
Limfjord bascule bridge rammed by ship and impassable - under repair
AAL
Aalborg
Kattegat
Thisted
Thybanen
Limfjorden
Thyborøn
Oddesund
MJ
Lemvig
Lemvigbanen
Struer
Skive
Viborg
Mariager Fjord
Mariager
MHVJ
Handest
Fårup
Randers
Langå
Holstebro
Tvis
Vemb
Aulum
Jylland
Vildbjerg
Herning
Silkeborg
Grenaabanen
Grenaa
AAR
Aarhus
Skander-
borg
Vrads
Bryrup
Veteranjernbane
Mårslet
Odder
Ringkøbing
Fasterholt
Thyregod
Horsens
Skjern
Tarm
Nørre Nebel
Ølgod
Jelling
Vejle
VEJ
BLL
DENMARK
Kalundborg
Vestbanen
VNJ
VNJ
(Arriva)
Varde
EBJ
Esbjerg
Bramming
Lunderskov
Taulov
Fredericia
Middelfart
Kolding
Odense
Sjælland
Slagelse
Korsør
Store Bælt
Fyn
Nyborg
Dalmose
Skælskør
Ribe
Haderslev
VHV
Vojens
Lille Bælt
SFVJ
Korinth
Faaborg
Svendborg
Rømø
Rødekro
Sylt
GWT
Westerland
Tønder
Tinglev
Als
Sønderborg
Langelandsbælt
Nakskov
RT
Lolland
Padborg
Flensburg
Niebüll
Dagebüll
Marschbahn
DE
1000
Hamburg
Hamburg
North Sea
Maribo - Bandholm
Veteranjernbane
Vojens


9
A
B
C
D
Svanskog
Kil
Kristinehamn
Ervalla
Eskilstuna
Stockholm
Dal - Västra Värmlands Järnväg
Åmål
EuroMaint Rail
Bengtsfors
Ed
Norgebanan
Bäckefors
Mellerud
Enkstad
Skälebol
Dingle
Munkedal
Öxnered
Uddevalla
Vänersborg
THN
Trollhättan
Trollhättan kanal
Ljungskile
Stenungsund
Lilla Edet
Vänernbanan
Kode
Alvhem
Anten - Gräfsnäs Järnväg
Gräfsnäs
891 mm
Anten
Ytterby
GSE
EuroMaint Rail
Floda
Lerum
Hindås
GÖTEBORG
Mölnlycke
GOT
Kungsbacka
Lekarekulle
Kiel
Väro
Veddige
Double track extension of Västkustbanan and Varberg diversion tunnel planned from 2019
Varberg
Västkustbanan
Vänern
Lidköping
LDK
Forshem
ex 891 mm
Mariestad
Lyrestad
Göta Kanal
Gårdsjö
Laxå
Hallsberg
EuroMaint Rail
SweMaint AB
Skymossen
Töreboda
Moholm
Västra stambanan
Väring
Karlsborg
Lundsbrunn
891 mm
Skara - Lundsbrunns Järnvägar
Skara
Håkantorp
Vara
Vedum
Herrljunga
Skövde
Stenstorp
Falköping
BS Mekaniska Verkstad AB
Jönköpingsbanan
Vårgårda
Alingsås
Västra stambanan
Ljung
Fristad
Älvsborgsbanan
Borås
Viskafors
Viskadalsbanan
Skene
Horred
Limmared
Kust till kust-banan
Hestra
Gnosjö
Ekefors
Smålands Burseryd
Landeryd
Hyltebruk
Torup
Halmstad
Vättern
Jönköping
Vaggeryd
Båramo
Sävsjö
Sy-terminalen
Stockaryd
Värnamo
Ohsabanan
Ohs Bruk
600 mm
Helmershus
Bor
Ohs Bruks Järnvägs Museiförening
Rydaholm
Alvesta
Grevaryd
Moheda
VXO
Växjö
Räppe
Åryd
Vislanda
SWEDEN
Södra stambanan
Älmhult
Eldsberga
Laholm
Båstad
Markarydsbanan
Markaryd
Grevie
Hallandsåstunnel (8.7 km) under construction since 1992. Open ca. 2015
Ängelholm
Åstorp
Klippan
Skånebanan
Hässleholm
Tyringe
Osby
Olofström
Hanaskog
Bromölla
Sölvesborg
Kristianstad
Åhus
Tjörnarp
Midwaggon AB
SweMaint AB
Helsingborg
Teckomatorp
Landskrona
Stehag
Eslöv
Kävlinge
Lund
Malmö
EuroMaint Rail
SweMaint AB
Grevabanan
MMX
Trelleborg
Öresund
Brösarp
Skånska Järnvägar
St. Olof
Tomelilla
Simrishamn
Gärsnäs
Ystad
Rostock
Sassnitz
Bornholm
Tisvildeleje
Gilleleje
Helsingør
Hundested
Hillerød
Kystbanen
Frederikssund
Holbæk
KØBENHAVN
Roskilde
Tølløse
RKE
CPH
new 250 km/h line planned
Køge Nord
Køge
Ringsted
Hårlev
Rødvig
Fakse
Sydbanen
Vordingborg
Masnedsund Bridge
Storstrøm Bridge to be replaced ca. 2021 by a new structure
Falster
Nykøbing F
Flen
Katrineholm
Strångsjö
Vrena
Nyköpingsbanan
Vagnhärad
Nynäshamn
Sjösa
Nyköping
Oxelösund
Simonstorp
Kolmården
Jönåker
Mariedamm
Degerön
Finspång
Åby
Norrköping
NRK
SweMaint AB
Kimstad
Motala TrainAB
Motala
Götakanal
VÖJF
891 mm
Vadstena
Fågelsta
Linköping
Vikingstad
Mjölby
Boxholm
Bjärka-Säby
Atvidaberg
Falerum
Tjustbanan
Rimforsa
Tranås
Södra stambanan
Kisa
Överum
Gamleby
Frinnaryd
Ralingsås
Flysby
Gamlarp
SweMaint AB
Bombardier
Nässjö
Eksjö
Hjältevad
Vimmerby
VVK
1435 + 891 mm
Västervik
Färhult
Ankarsrum
Verkebäck
891 mm
Totebo
Tuna
Vena
Pauli-ström
Hultsfred
Smalspårsjärnvägen Hultsfred - Västervik
Vetlanda
Jämforsen
Målilla
Oskarshamn
Berga
Mönsterås
Blomstermåla
Lessebo
Kust till kustbanan
Nybro
Kalmar
Öland
Emmaboda
Holmsjö
Bräkne-Hoby
Karlshamn
Ronneby
Karlskrona
Baltic Sea
Klaipeda
Baltijsk
St. Petersburg
Sassnitz
Rødby Færge
21


C
D
Seinäjoki
Pohjois-Louko
Kauhajoki
KHJ
Kaskinen
Kihniö
Parkano
Niinisalo
Tahkoluoto
Mäntyluoto
Ruosniemi
Pori
POR
Lielahti
Nokia
TMP
Kiukainen
Kokemäki
Toijala
Rauma
Humppila
Minkiö
750 mm
Jokioinen
Jokioisten Museorautatie
Uusikaupunki
TKU
Naantali
Turku
Åbo
→ Stockholm
Hanko
Electrification planned
→ Sassnitz-Ust Luga
Hiiumaa
Saaremaa
Gävle
Skutskär
Marma
Tierp
Örbyhus
Gimo
Hargshamn
Hargshamnsbanan
Järlebo
Hallstavik
SVERIGE
Salsta
Uppsala
891 mm
Faringe
Upsala-Lenna Järnväg SRJmf
Marielund
ARN
Arlanda
Kårsta
891 mm
Roslagsbanan
→ Turku
Österskär
Västerås
Mälarbanan
STOCKHOLM
EuroMaint Rail
600 mm
Mariefred
Östra Södermanlands Järnväg
Laggesta
Södertälje
Järna
Nynäshamn
Nyköping
Oxelösund
A
B
C
D
11

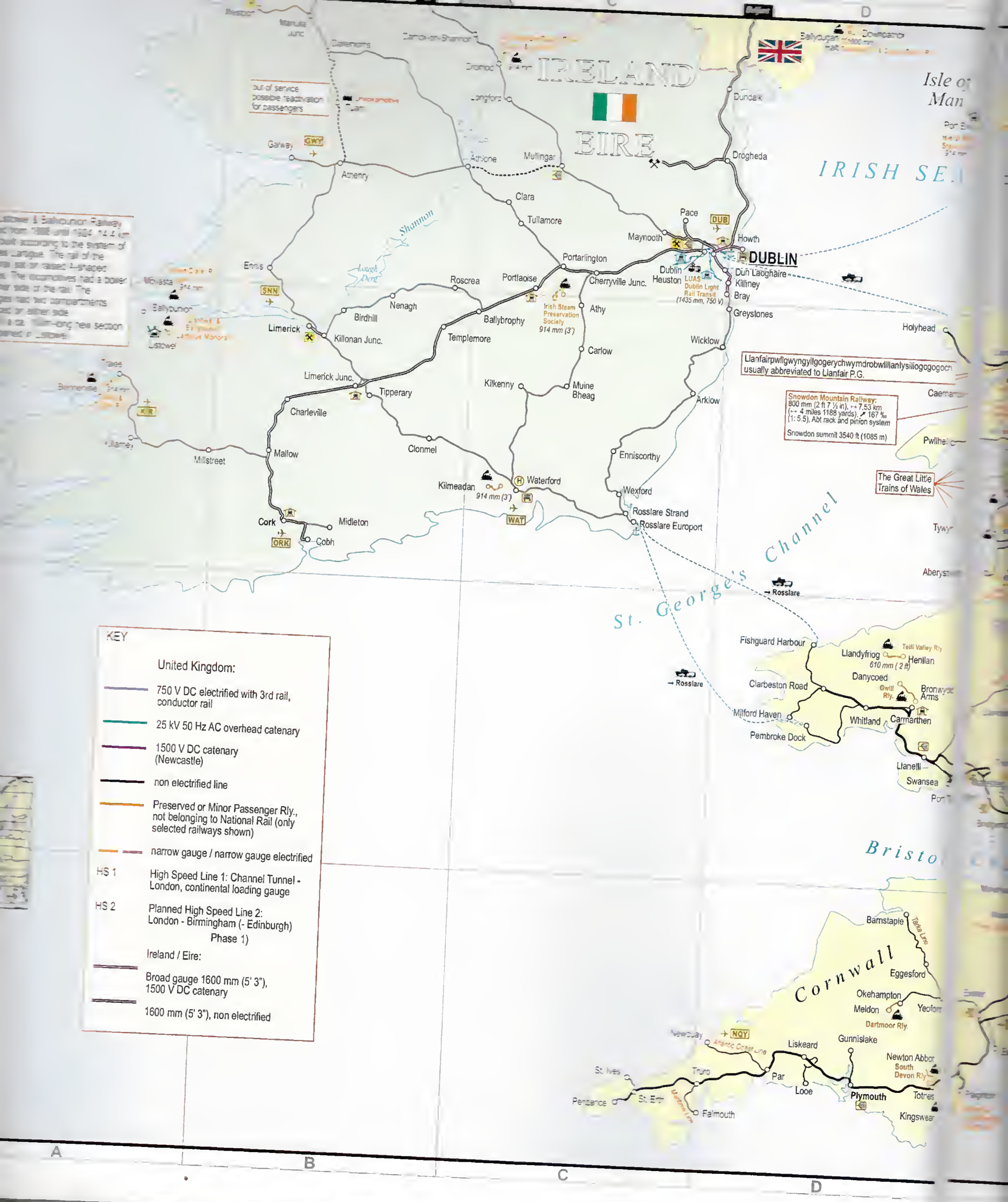

A
Haapajärvi
7
Siilinjärvi
B
Joensuu
C
Säkäniemi
Varkaus
D
Matkasjelkja
Pieksämäki
Huutokoski
Jyväskylä
Sortavala
Savonlinna
Mänttä
Vilppula
Parikkala
MIK
Mikkeli
Jämsä
Kaipola
Ladozhs
Khiytola
Kuznechnoe
Lake L
Mynttilä
Ristiina
Orivesi
FINLAND
SUOMI
Imatra
Priozersk
Svetogorsk
Lappeenranta
Kamennogorsk
Heinola
Luumäki
Busiovskaya
Vainikkala
Zhitkovo
Lahti
Kuusankoski
Kouvola
UTI
Vyborg
Sosnovo
Kona
Vysotsk
Inkeroinen
Juurikorpi
Hamina
Primorsk
Zelenogorsk
Riihimäki
Lapinjärvi
Kotka
Sunila
Hyvinkää
Loviisa
Porvoon Museorautatie
Санкт-Петербург
St. Petersburg
Airport line from Vantaankoski to Hiekkaharju under construction for ca. 2015
Kerava
HEL
Porvoo
Lebyazhye
Sköldvik
Hiekkaharju
Vantaankoski
Tikkurila
Sosnovy Bor
Espoo
M
1000 mm
HELSINKI
HELSINGFORS
→ Baltijsk-Ust Luga
Project Rail Baltica:
Projected Railway line (TEN 27) from Warsaw via Kaunas and Riga to Tallinn with connection to Helsinki by ferry or tunnel.
(Agreed in Wismar 2001, open ca. 2023). Entire length ca. 940 km normal gauge (1435 mm), aimed top speed 250 km/h.
Kotly
Ust-Luga
→ Rostock
→ Gdynia
Veymarn
Kunda
Sillamäe
Narva
Kohtla-Järve
Ivangorod
Muuga
Miiduranna
Rakvere
Musta
TALLINN
Slantsy
1067 mm
Klooga-Rand
Tapa
Paldiski
TLL
Aegviidu
Klooga
Keila
750 mm
Avinurme
RUSSIA
Riisipere
ESTONIA
Rapla
Lake Peipus
Gdov
Lelle
Türi
Jõgeva
Haapsalu
TEN 27
PAN I
Tartu
750 mm
Lavassaare
Viljandi
Elva
Pärnu
Põlva
A
B
15
C
D

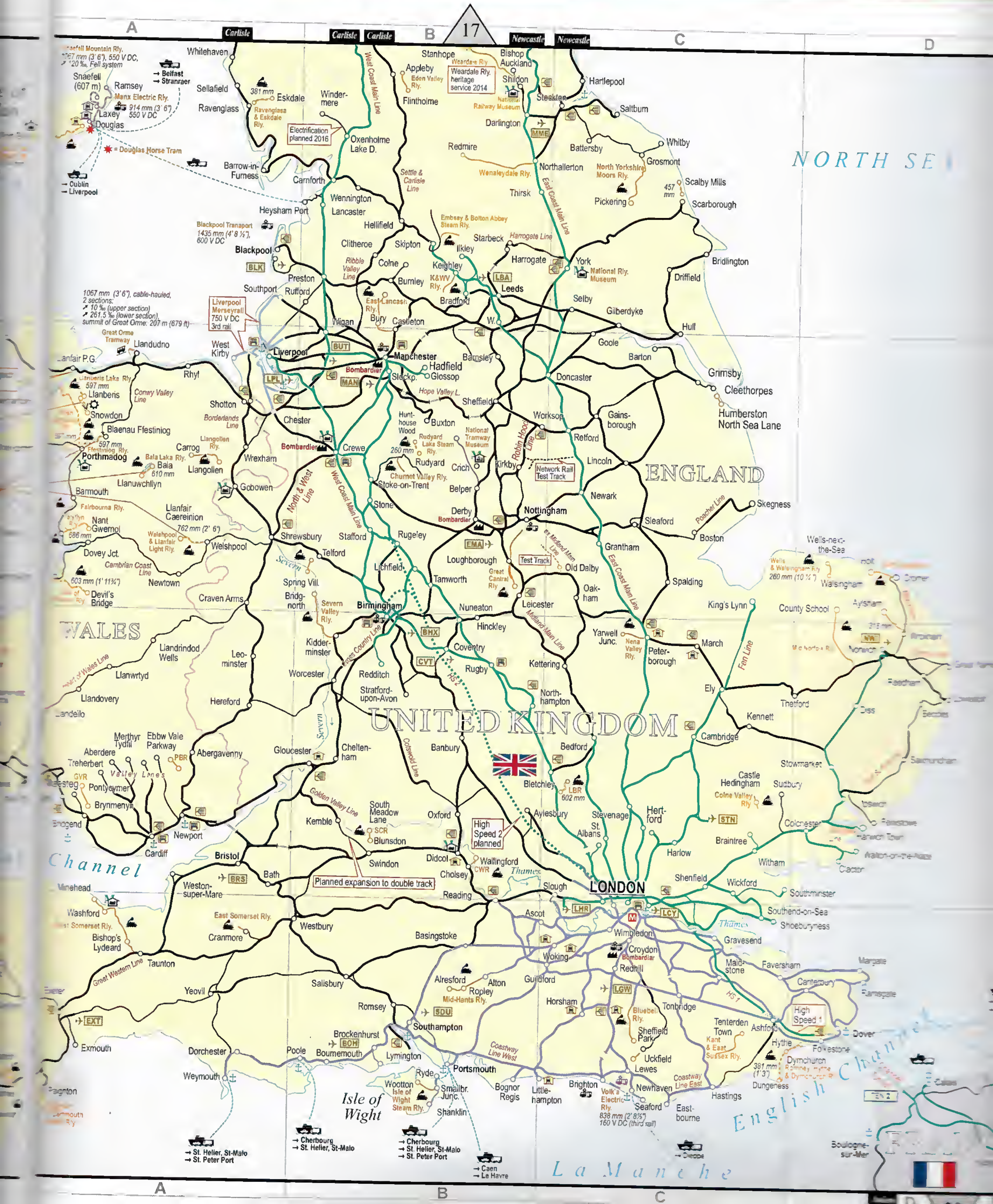

B
C
D
Stockholm
Stockholm
Nynäshamn
Vagnhärad
Sjösa
Nyköping
Oxelösund
Saaremaa
Hesselby
891 mm
Munkebo
Gotland
Ventspils
Ventspils-2
Ugāle
Spāre
LATVIA
1435 - 891 mm
Västervik
Oskarshamn
Mönsterås
Öland
Liepāja
LPX
Bugeniai
Skuodas
Plungė
Kretinga
Klaipėda
Draugystė
Šilutė
Pagėgiai
Sovietsk
Svetlogorsk 2
Svetlogorsk 1
Zelenogradsk
Pionerskij
KGD
RUSSIA
Polessk
Cernyakhovsk
KALININGRAD
Baltiyskiy
Les
Baltiysk
Gvardeysk
1435 + 1520
Mamonovo
Bagrationovsk
Sassnitz → Baltijsk
POLAND
Wejherowo
Hel
Gdynia
Baltic
Sea
B
Koszalin
Tczew
C
Elbląg
D
Olsztyn
24


A
B
C
D
Tallinn
Tallinn
Tapa
St. Peterburg
750 mm
Lavassaare
Pärnu
Viljandi
ESTONIA
Elva
Põlva
Peipsi Järv
Molodi
Orava
Koidula
Võru
Piusa
Pechory
Псков
Pskov
Valga
Lugaži
RUSSIA
Ostrov
Alūksne
SIA
750 mm
Valmiera
Rīgas līcis
Gulf of Riga
Cēsis
Pe'psi Järv
Gulbene
Pytalovo
Skulte
Saulkrasti
Sigulda
Vangaži
Kārsava
Bolderāja
Madona
Jūrmala
Saurieši
Veneta
Tukums
Kemeri
Sloka
RIX
RĪGA
doubling of the track
under construction
Jaunkalsnava
Viļāni
Rēzekne-2
Rēzekne-1
Rēzekne
Skrīveri
Pļaviņas
Zilupe
Daugava
Cena
Aizkraukle
Krustpils
Jelgava
Līvāni
Glūda
Krāce
Project Rail Baltica:
Projected Railway line (TEN 27) from Warsaw via Kaunas and Riga to Tallinn with connection to Helsinki by ferry or tunnel. (Agreed in Wismar 2001, open ca. 2023). Total length ca. 940 km normalgauge (1435 mm), intended top speed 250 km/h.
Meitene
Aglona
doubling of the track
under construction
Naujoji
Akmenė
Joniškis
Krāslava
Indra
Akmenė
Venta
Rokiškis
Obeliai
Eglaine
Daugavpils
Kuržiai
Pakruojis
Kupiškis
Kurcums
Šiauliai
Turmantas
Panevėžys
Dūkštas
750 mm
Troškunai
ASG
Anykščiai
Rubikiai
Utena
Tytuvėnai
Ignalina
LITHUANIA
Vorobayevo
Pastavy
Kėdainiai
Švenčionėliai
TEN 27
PAN I
Lyntupy
Tauragė
Jonava
Rizgonys
Pabradė
Extension to Vilnius with third rail for 1435mm planned 2015 (Project Rail Baltica)
KUN
Kaunas
Kaišiadorys
Bezdonys
Palemonas
VILNIUS
Šumskas
Kazlų Ruda
Project Rail Baltica
Trakai
VNO
BELARUS
Extension to Kaunas with third rail for 1435mm planned 2015
Vaidotai
Marijampolė
Kybartai
Stasylos
Molodechno
Maladziečna
Extension to Kaunas with third rail for 1435mm planned 2015
TEN 27
PAN I
Alytus
Mockava
Šeštokai
1435 - 1520
POLAND
МИНСК
MINSK

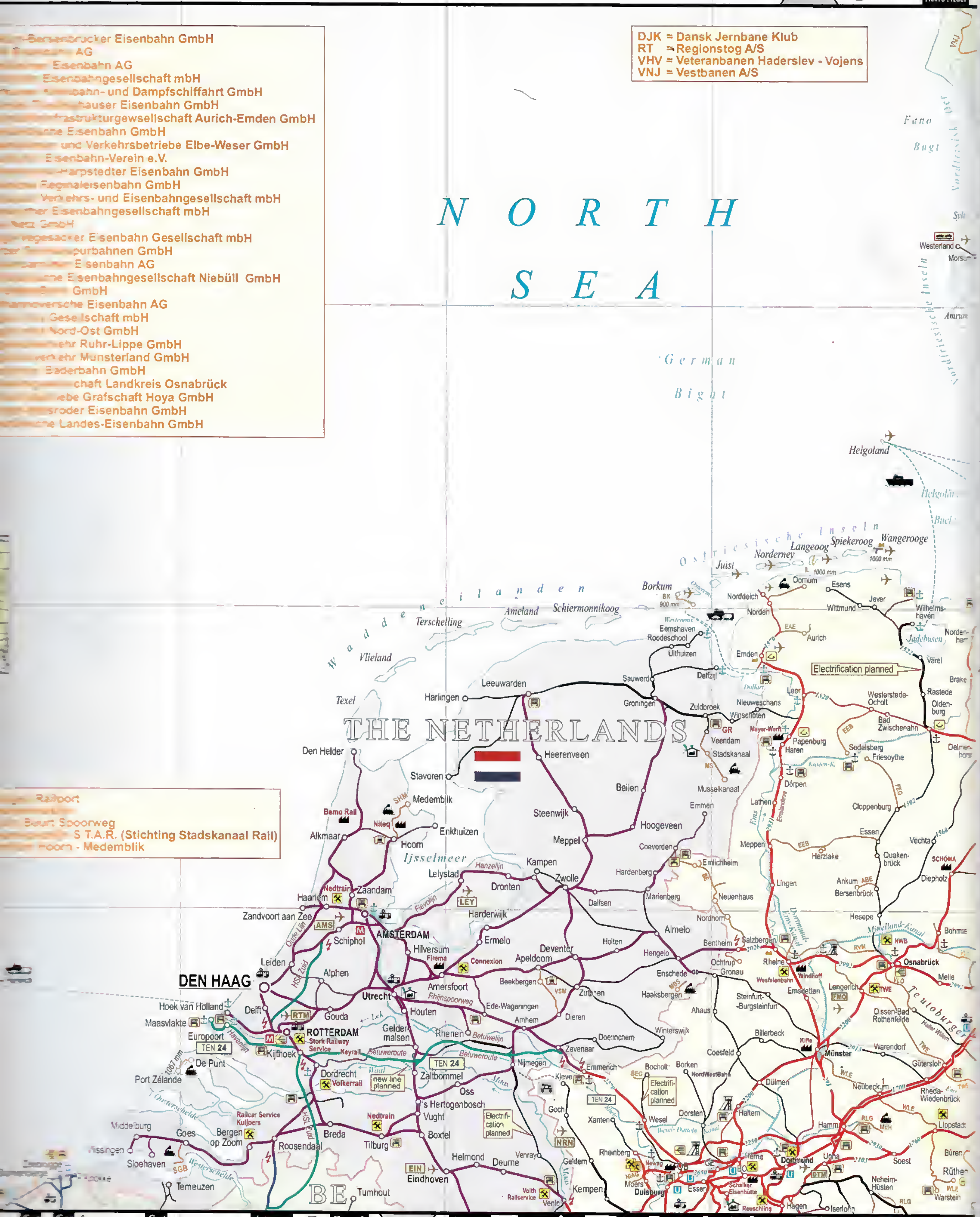

B
C
D
Outer Hebrides
Isles of Lewis
Uist
Isle of Skye
Kyle of Lochalsh
Mallaig
Arisaig
Glenfinnan
ATLANTIC OCEAN
Isle of Mull
Oban
Jura
Islay
North Channel
Holy Island
Portrush
914 mm
Giant's Causeway
Bushmills
LDY
Coleraine
Londonderry
914 mm
Foyle Valley Rly.
Larne Harbour
Girvan
UNITED KI
NORTHERN IRELAND
Larne Harbour
Stranraer
Ballina
Sligo
IRELAND
Bangor
BHD
BELFAST
Adelaide
Portadown
Liverpool
Westport
Manulla Junc.
EIRE
Carrick-on-Shannon
Inch Abbey
Ballydugan Halt
Downpatrick
IRISH
Shannon
Longford
Isle of Man
Snaefell
Isle of Man Steam Rly.
Port Erin
914 mm
A
B
Athlone
Dublin
C
Dublin
D


A
B
C
D
Orkney Islands
Thurso
Georgemas Junc.
Wick
Forsinard
Helmsdale
Lairg
Rogart
Brora
Ardgay
Tain
Invergordon
Achnasheen
Garve
Dingwell
Strathcarron
Muir of Ord
Naim
Forres
Elgin
Inverness
Keith
Dufftown
Keith & Dufftown Rly.
Huntly
Loch Ness
Broomhill
Strathspey Rly.
Aviemore
Insch
Inverurie
Loch Lochy
Newtonmore
CairnGorm Mountain Ltd. Funicular
Cairn Gorm (1057 m, 1981 mm)
ABZ
Milton o' Crathes
Aberdeen
Spean Bridge
Fort William
Tulloch
Dalwhinnie
Ballater
Banchory
Royal Deeside Rly. Preservation Soc.
Stonehaven
Blair Atholl
SCOTLAND
NORTH SEA
Bridge of Orchy
Montrose
Upper Tyndrum
Crianlarich
Stanley Junc.
DND
Dundee
Arbroath
Perth
River Earn
Firth of Tay
Tay Bridge
Cupar
Ladybank
Electrification planned ca. 2016
Stirling
Alloa
Dunfermline
Kirkcaldy
Balloch
Glasgow
Larbert
Firth of Forth
Port Glasgow
Dalmeny
Forth Bridge
North Berwick
Bathgate
EDI
Dunbar
Drem
Paisley Gilmour St.
Edinburgh
Kilwinning
Larkhall
Kilmarnock
Carstairs
Construction / reopening of the line planned for 2015, formerly to Carlisle
Waverley Line
Berwick-upon-Tweed
Troon
Mauchline
Galashiels
Tweed
Ayr
Tweedbank
New Cumnock
Tevio
Sanquhar
West Coast Main Line
East Coast Main Line
SCOTLAND
Lockerbie
Dumfries
Tyne & Wear Metro
1500 V DC catenary, length 74.5 km
2 lines: Green Line and Yellow Line
Gretna Green
CAX
NCL
Haltwhistle
Hexham
→ Bergen
→ Stavanger
→ Göteborg
Carlisle
Brampton
Tyne
Newcastle-upon-Tyne
South Shields
ENGLAND
→ Esbjerg
→ Amsterdam
Maryport
Aspatria
Sunderland
Beamish Museum & Tramway
South Hylton
Workington
Penrith
Stanhope
Bishop Auckland
Whitehaven
Weardale Rly.
Appleby
Eden Valley Rly.
Hartlepool
St Bees
Shildon
Stockton
Sellafield
381 mm
Eskdale
Drigg
Ravenglass
Ravenglass & Eskdale Rly.
Flintholme
National Railway Museum
Saltburn
Darlington
Oxenholme
Battersby
→ Belfast
→ Stranraer
Ramsey
Electric Rly.
914 mm (3') 550 V DC
Douglas Horse Tram
Dublin
Liverpool
Carnforth
Liverpool
Leeds
York
Whitby
19


IRELAND
EIRE
Isle of Man
IRISH SEA
St. George's Channel
Bristol
Cornwall
Shannon
Lough Derg
out of service
possible reactivation
for passengers
Galway
GWY
Athenry
Athlone
Mullingar
Longford
Clara
Tullamore
Maynooth
Portarlington
Portlaoise
Pace
DUB
Howth
DUBLIN
Dublin Heuston
LUAS
Dublin Light
Rail Transit
(1435 mm, 750 V)
Dún Laoghaire
Killiney
Bray
Greystones
Wicklow
Arklow
Enniscorthy
Wexford
Rosslare Strand
Rosslare Europort
Dundalk
Drogheda
Cherryville Junc.
Athy
Carlow
Muine Bheag
Kilkenny
Irish Steam
Preservation
Society
914 mm (3')
Roscrea
Nenagh
Birdhill
Ballybrophy
Templemore
Ennis
SNN
Limerick
Killonan Junc.
Limerick Junc.
Tipperary
Charleville
Mallow
Millstreet
Clonmel
Kilmeadan
914 mm (3')
Waterford
WAT
Cork
ORK
Midleton
Cobh
Listowel
Ballybunion
Holyhead
Llanfairpwllgwyngyllgogerychwyrndrobwllllantysiliogogogoch
usually abbreviated to Llanfair P.G.
Snowdon Mountain Railway:
800 mm (2 ft 7 ½ in), ↔ 7.53 km
(↔ 4 miles 1188 yards), 167 ‰
(1: 5.5), Abt rack and pinion system
Snowdon summit 3540 ft (1085 m)
The Great Little
Trains of Wales
→ Rosslare
Fishguard Harbour
Llandyfriog
Teifi Valley Rly
Henllan
610 mm (2 ft)
Danycoed
Clarbeston Road
Gwili Rly.
Bronwydd Arms
Milford Haven
Whitland
Carmarthen
Pembroke Dock
Llanelli
Swansea
Barnstaple
Tarka Line
Eggesford
Okehampton
Meldon
Dartmoor Rly.
Yeoford
Gunnislake
Liskeard
Newton Abbot
South Devon Rly
NQY
Par
Looe
Plymouth
Totnes
Kingswear
St. Ives
Truro
Penzance
Falmouth
KEY
United Kingdom:
750 V DC electrified with 3rd rail, conductor rail
25 kV 50 Hz AC overhead catenary
1500 V DC catenary (Newcastle)
non electrified line
Preserved or Minor Passenger Rly., not belonging to National Rail (only selected railways shown)
narrow gauge / narrow gauge electrified
HS 1 High Speed Line 1: Channel Tunnel - London, continental loading gauge
HS 2 Planned High Speed Line 2: London - Birmingham (- Edinburgh) Phase 1)
Ireland / Eire:
Broad gauge 1600 mm (5' 3"), 1500 V DC catenary
1600 mm (5' 3"), non electrified
A
B
C
D

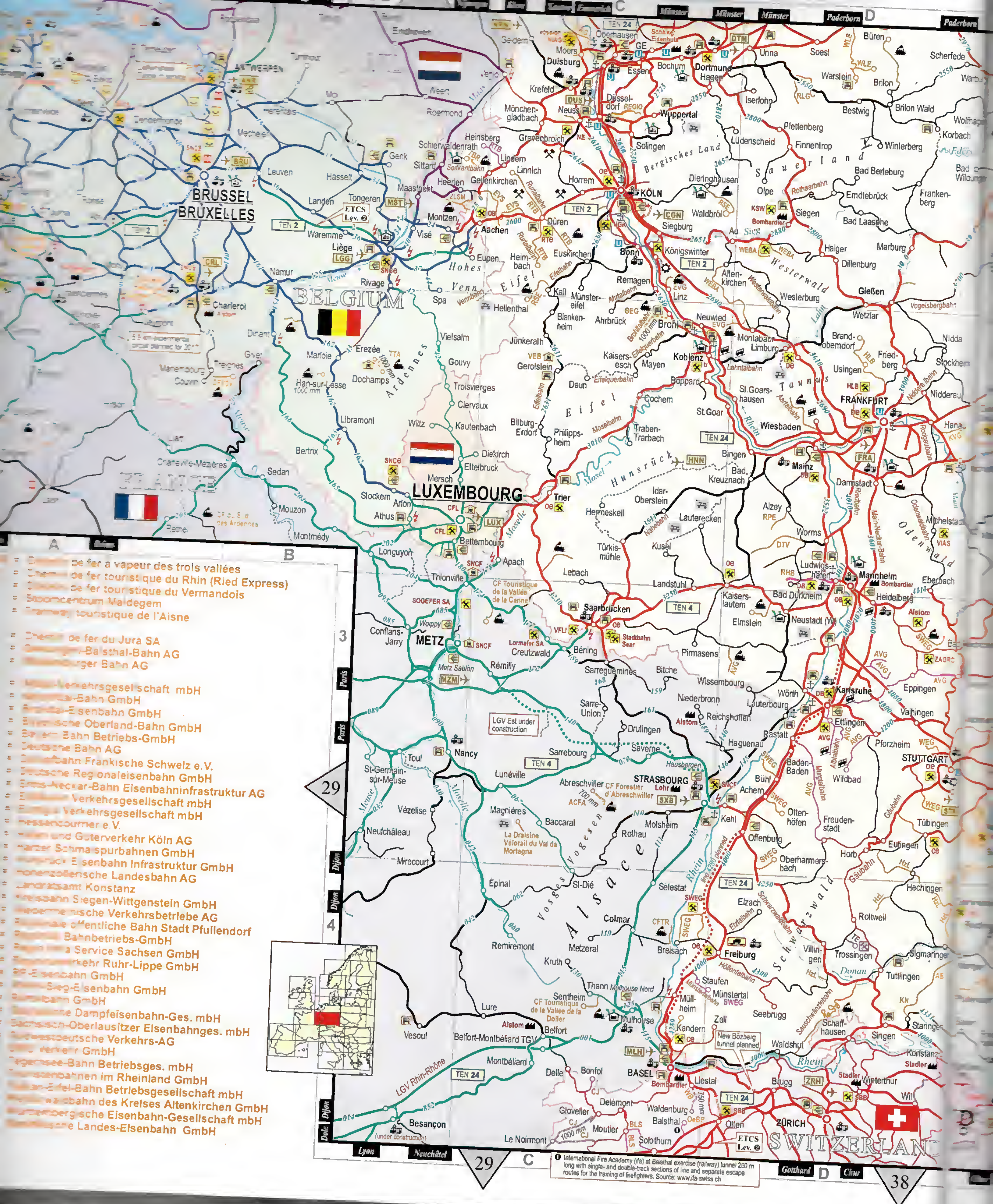


17
A
B
C
D
Carlisle
Carlisle
Carlisle
Newcastle
Newcastle
Snaefell Mountain Rly.
1067 mm (3' 6"), 550 V DC
120 ‰, Fell system
Snaefell (607 m)
Ramsey
Manx Electric Rly.
914 mm (3' 6") 550 V DC
Laxey
Douglas
= Douglas Horse Tram
→ Belfast
→ Stranraer
→ Dublin
→ Liverpool
Whitehaven
Sellafield
Ravenglass
381 mm
Eskdale
Ravenglass & Eskdale Rly.
Windermere
Electrification planned 2016
Oxenholme Lake D.
Barrow-in-Furness
Carnforth
Heysham Port
Wennington
Lancaster
West Coast Main Line
Stanhope
Weardale Rly.
Weardale Rly. heritage service 2014
Appleby
Eden Valley Rly.
Flintholme
Bishop Auckland
Shildon
National Railway Museum
Stockton
Darlington
MME
Hartlepool
Saltburn
Whitby
Grosmont
Battersby
Redmire
Wensleydale Rly.
Northallerton
North Yorkshire Moors Rly.
Thirsk
East Coast Main Line
Pickering
457 mm
Scalby Mills
Scarborough
NORTH SEA
Settle & Carlisle Line
Hellifield
Embsay & Bolton Abbey Steam Rly.
Ilkley
Starbeck
Harrogate Line
Harrogate
York
National Rly. Museum
Bridlington
Driffield
Blackpool Transport
1435 mm (4' 8 ½"), 600 V DC
Blackpool
BLK
Clitheroe
Skipton
Ribble Valley Line
Colne
Keighley
K&WV Rly.
Burnley
LBA
Leeds
Preston
Southport
Rufford
East Lancash. Rly.
Bradford
Selby
Gilberdyke
Hull
1067 mm (3' 6"), cable-hauled, 2 sections:
10 ‰ (upper section)
261.5 ‰ (lower section)
summit of Great Orme: 207 m (679 ft)
Liverpool Merseyrail 750 V DC 3rd rail
Great Orme Tramway
Llandudno
West Kirby
Wigan
Bury
Castleton
W.
Liverpool
BUT
Manchester
Bombardier
Hadfield
Glossop
Barnsley
Goole
Barton
Grimsby
Cleethorpes
Humberston North Sea Lane
Llanfair P.G.
Rhyl
Llanberis Lake Rly.
597 mm
Llanberis
Conwy Valley Line
Snowdon
LPL
MAN
Stockp.
Hope Valley L.
Sheffield
Doncaster
Shotton
Borderlands Line
Chester
Blaenau Ffestiniog
597 mm
Ffestiniog Rly.
Porthmadog
Carrog
Llangollen Rly.
Bala Lake Rly.
Bala
610 mm
Llangollen
Wrexham
Bombardier
Crewe
Hunt-house Wood
Buxton
Rudyard Lake Steam Rly.
260 mm
National Tramway Museum
Rudyard
Churnet Valley Rly.
Crich
Kirkby
Robin Hood Line
Network Rail Test Track
Worksop
Retford
Gainsborough
Lincoln
ENGLAND
Llanuwchllyn
Barmouth
Gobowen
North & West Line
West Coast Main Line
Stoke-on-Trent
Belper
Newark
Fairbourne Rly.
Llanfair Caereinion
762 mm (2' 6")
Nant Gwernol
686 mm
Welshpool & Llanfair Light Rly.
Welshpool
Shrewsbury
Stafford
Stone
Derby
Bombardier
Nottingham
Sleaford
Poacher Line
Skegness
Boston
Dovey Jct.
Cambrian Coast Line
603 mm (1' 11½")
Devil's Bridge
Newtown
Telford
Severn
Spring Vill.
Rugeley
Lichfield
Loughborough
EMA
Test Track
ex Midland Main Line
Old Dalby
Grantham
Great Central Rly.
Tamworth
Oakham
East Coast Main Line
Spalding
Wells-next-the-Sea
Wells & Walsingham Rly.
260 mm (10 ¼")
Walsingham
Cromer
King's Lynn
County School
Aylsham
Craven Arms
Bridgnorth
Severn Valley Rly.
Birmingham
Nuneaton
Leicester
Midland Main Line
WALES
Llandrindod Wells
Leominster
Kidderminster
BHX
Hinckley
Yarwell Junc.
Nene Valley Rly.
Peterborough
March
Fen Line
Norwich
Heart of Wales Line
Llanwrtyd
Worcester
Cross Country Line
Redditch
CVT
Coventry
Rugby
Kettering
Llandovery
Llandeilo
Hereford
Stratford-upon-Avon
HS2
Northampton
Ely
Thetford
Kennett
Diss
UNITED KINGDOM
Cambridge
Merthyr Tydfil
Ebbw Vale Parkway
Aberdare
PBR
Abergavenny
Gloucester
Severn
Cheltenham
Cotswold Line
Banbury
Bedford
Stowmarket
Treherbert
GVR
Valley Lines
Maesteg
Pontycymer
Brynmenyn
Bridgend
Bletchley
LBR
602 mm
Castle Hedingham
Colne Valley Rly.
Sudbury
Golden Valley Line
South Meadow Lane
Kemble
Oxford
High Speed 2 planned
Aylesbury
Stevenage
St. Albans
Hertford
STN
Colchester
Newport
Cardiff
SCR
Blunsdon
Braintree
Harwich Town
Walton-on-the-Naze
Clacton
Bristol
Swindon
Didcot
Wallingford
CWR
Thames
Cholsey
Harlow
Witham
Channel
BRS
Bath
Planned expansion to double track
Shenfield
Wickford
Minehead
Weston-super-Mare
Reading
Slough
LONDON
Southminster
LHR
LCY
Southend-on-Sea
Shoeburyness
Washford
East Somerset Rly.
Cranmore
Westbury
Ascot
Thames
Wimbledon
Croydon
Bombardier
Gravesend
Bishop's Lydeard
Basingstoke
Woking
Redhill
Maidstone
Faversham
Margate
Great Western Line
Taunton
Alresford
Alton
Ropley
Mid-Hants Rly.
Guildford
LGW
Canterbury
Ramsgate
Salisbury
Horsham
Bluebell Rly.
Tonbridge
HS1
Yeovil
Exeter
EXT
Romsey
SOU
Southampton
Sheffield Park
Tenterden Town
Kent & East Sussex Rly.
Ashford
High Speed 1
Dover
Folkestone
Hythe
Brockenhurst
BOH
Bournemouth
Lymington
Coastway Line West
Uckfield
Lewes
Dymchurch
Romney, Hythe & Dymchurch Rly.
381 mm (1' 3")
Exmouth
Dorchester
Poole
Portsmouth
Ryde
Wootton
Isle of Wight Steam Rly.
Smallbr. Junc.
Shanklin
Bognor Regis
Littlehampton
Brighton
Volk's Electric Rly.
838 mm (2' 8½")
160 V DC (third rail)
Newhaven
Coastway Line East
Seaford
Eastbourne
Hastings
Dungeness
English Channel
Weymouth
Paignton
Isle of Wight
→ St. Helier, St-Malo
→ St. Peter Port
→ Cherbourg
→ St. Helier, St-Malo
→ Cherbourg
→ St. Helier, St-Malo
→ St. Peter Port
→ Caen
→ Le Havre
→ Dieppe
La Manche
Boulogne-sur-Mer
Calais



OB = Oberhausen GE = Gelsenkirchen BO = Bochum

11
A
B
C
D
Herning
Aarhus
Nykøbing S
Helsingør
Landskrona
Eslöv
Grindsted
Vejle
Jylland
Fredericia
Taulov
Middelfart
Lunderskov
Kolding
Bramming
Vejen
Ribe
DENMARK
Vojens
Haderslev
Rødekro
Tønder
Tinglev
Sønderborg
Als
Lille Bælt
Odense
Fyn
Nyborg
Faaborg
Korinth
Svendborg
Samsø
Kalundborg
Nordvestbane
Holbæk
Sjælland
Roskilde
Tølløse
Slagelse
Ringsted
Korsør
Dalmøse
Skælskør
Næstved
TEN 20
Store Bælt
Køge Nord
Køge
KØBEN-
HAVN
CPH
Øresund
new 250 km/h line
Hårlev
Rødvig
Fakse
Vordingborg
Masnedsund Bridge
New Storstrøm Bridge planned until ca. 2021
Falster
Nykøbing F
Langeland
Nakskov
Bandholm
Lolland
Maribo
Rødby Færge
Fehmarn Belt
Tunnel planned
Puttgarden
Fehmarn
Burg
Großenbrode
Lund
Malmö
EuroMaint Rail
Swe Maint AB
Tomelilla
Brösarp
St. Olof
Gärsnäs
Simrishamn
SWEDEN
Trelleborg
Ystad
Baltic
Sea
→ Trelleborg
Niebüll
Padborg
Flensburg
line 1040: train length < 835 m
Sörup
Kappeln
Süderbrarup
Bredstedt
Nordstrand
Jübek
Schleswig
Husum
EWG
Eckernförde
Kieler Bucht
→ Oslo
→ Göteborg
→ Klaipeda
Schönberger Strand
Schönberg
KEL
Kiel
AKN
Owschlag
Rendsburg
Tönning
Heide
Marschbahn
Büsum
Nord-Ostsee-Kanal
Hohenwestedt
Neumünster
Plön
Eutin
Oldenburg
Neustadt/H.
Vogelfluglinie
Mecklenburger Bucht
Brunsbüttel
Itzehoe
Wrist
Kaltenkirchen
Bad Segeberg
Bad Schwartau
Travemünde
Lübeck
Glückstadt
Elmshorn
Barmstedt
Bad Oldesloe
Cadenberge
Ahrensburg
HAM
Stade
Möln
Bremervörde
Deinste
HAMBURG
Buxtehude
HH-Harburg
Maschen
Büchen
Harsefeld
Gnarrenburg
EVB
Zeven
Tostedt
TEN 20
Buchholz
Winsen
Feldbinder
Lüneburg
Worpswede
BREMEN
Rotenburg
Lüneburger Heide
Hützel
Soltau
Munster
Verden
Br.-Vilsen
Hoya
Asendorf
Eystrup
Wiebe
Nienburg
Walsrode
Uelzen
OHE
TEN 20
Dahlenburg
Dannenberg
Bleckede
Wieren
Salzwedel
Pretzier
GERMANY
Wittingen
Wahrenholz
Celle
Neustadt
Leese-Stolzenau
Wunstorf
Minden
HANNOVER
Seelze
Stadthagen
Springe
Rinteln
Hameln
Lemgo
Emmerthal
Elze
Alfeld
Hildesheim
Salzgitter
Bad Pyrmont
Kreiensen
Einbeck-Salzderhelden
Northeim
Ottbergen
Bodenfelde
Warburg
Volkmarsen
Göttingen
Eichenberg
High Speed Line
Gifhorn
Oebisfelde
Wolfsburg
Weferlingen
Braunschweig
Helmstedt
Haldensleben
Schöppenstedt
Magdeburg
Eilsleben
Oschersleben
Vienenburg
Goslar
Wernigerode
Halberstadt
Seesen
Bad Harzburg
Brocken
Harz
HSB
Thale
Stiege
Alexisbad
Harzgerode
Wippra
Nordhausen
Ilfeld
Sangerhausen
Berga-Kelbra
Blankenheim
Eisleben
HALLE
Ascherleben
Güsten
Sandersleben
Könnern
Köthen
Dessau
Aken
Barby
Güterglück
Zerbst
Roßlau
Wittenberg
Fläming
Lohburg
Altengrabow
Belzig
Treuenbrietzen
Jüterbog
Genthin
Brandenburg
Potsdam
Seddin
Trebbin
Zossen
Baruth
Luckau-Uckro
Lübben
Spreewald
Gardelegen
Tangerhütte
Elbe-Havel-Kanal
Stendal
Tangermünde
Goldbeck
Niedergörne
Osterburg
Brunau-Packebusch
Geestgottberg
Wittenberge
Rathenow
Premnitz
Wustermark
BERLIN
Hamburger Bahn
Neustadt/D
Glöwen
Neuruppin
Herzberg
Löwenberg
Oranienburg
Hennigsdorf
Bernau
Werneuchen
Eberswalde
Angermünde
Groß Schönebeck
Templin
Fürstenberg
Rheinsberg
Pritzwalk
Wittstock
Karstädt
Perleberg
Putlitz
Mirow
Neustrelitz
Meyenburg
Parchim
Ludwigslust
Grabow
Hagenow Land
Hagenow Stadt
Zarrentin
Crivitz
Lübz
Karow
Malchow
Waren
Neubrandenburg
Strasburg
Pasewalk
Prenzlau
Passow
SZCZECIN
Schwerin
Dabel
Bad Kleinen
Gadebusch
Rehna
Ratzeburg
Grevesmühlen
Wismar
→ Malmö
Kühlungsborn
Bad Doberan
Rostock
Warnemünde
Graal-Müritz
Ribnitz-Damgarten
Rövershagen
Tessin
Gedser
Schwaan
Bützow
Güstrow
Laage
Plaaz
Teterow
Malchin
Demmin
Altentreptow
Friedland
Anklam
Usedom
Ueckermünde
Torgelow
Jatznick
Züssow
Wolgast
Greifswald
Grimmen
Stralsund
Velgast
Barth
Darß
Hiddensee
Rügen
Bergen
Binz
Putbus
Lauterbach
Göhren
Sassnitz
Sassnitz Fährhafen
1435 + 1520
Lubmin
Peenemünde
Zinnowitz
Heringsdorf
RINO
RLG
LBC
SZW
ODIG
D+D
Alstom
Bombardier
VPI
LWB
DVE

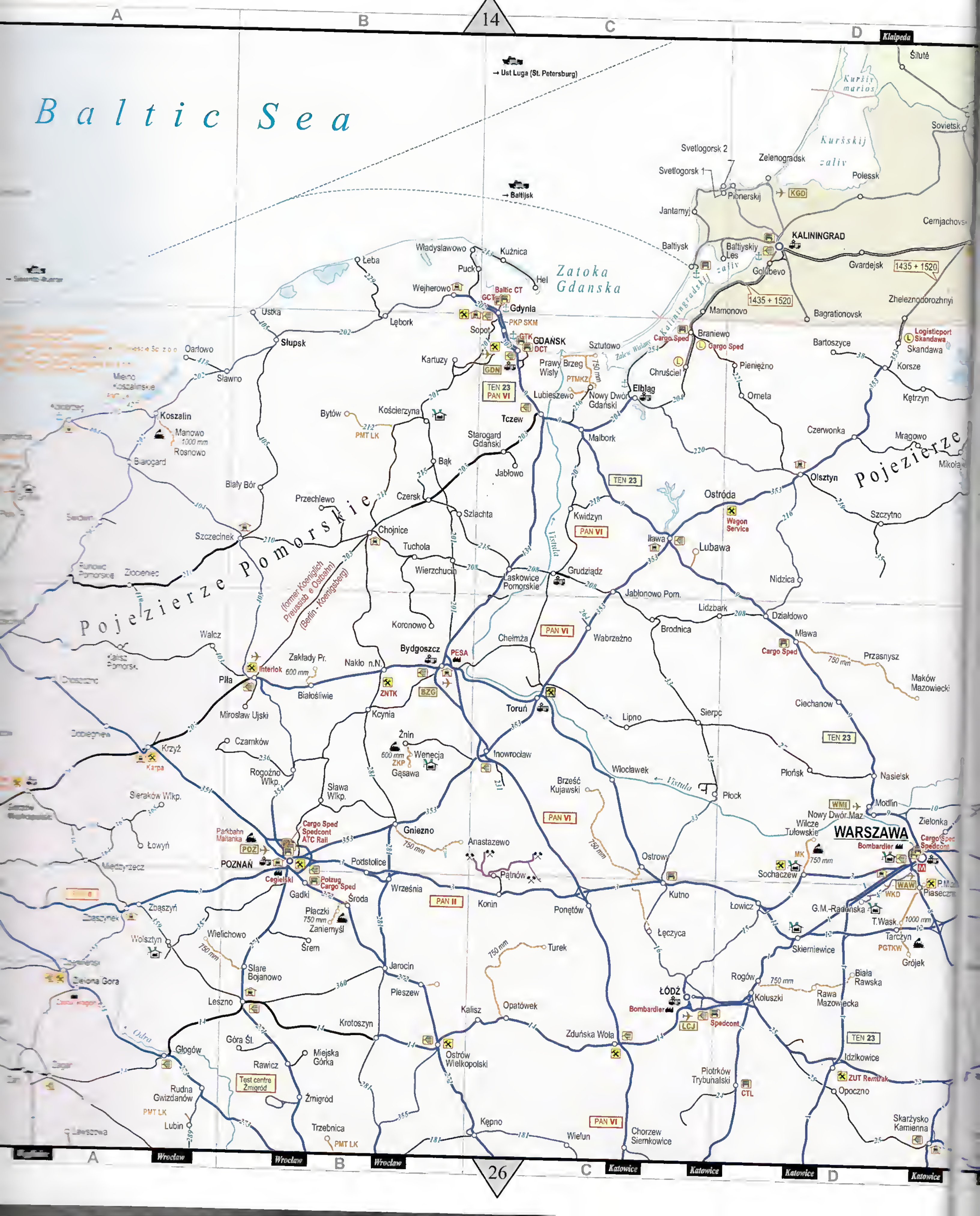


= [illegible] de fer à vapeur des trois vallées
= [illegible] de fer touristique du Rhin (Ried Express)
= [illegible] de fer touristique du Vermandois
= Stoomcentrum Maldegem
= [illegible] touristique de l'Aisne
= [illegible] de fer du Jura SA
= [illegible]-Balsthal-Bahn AG
= [illegible]ger Bahn AG
= [illegible]-Verkehrsgesellschaft mbH
= [illegible]tal-Bahn GmbH
= [illegible]tal-Eisenbahn GmbH
= [illegible]sche Oberland-Bahn GmbH
= Bayern Bahn Betriebs-GmbH
= Deutsche Bahn AG
= [illegible]fbahn Fränkische Schweiz e.V.
= Deutsche Regionaleisenbahn GmbH
= Erms-Neckar-Bahn Eisenbahninfrastruktur AG
= [illegible] Verkehrsgesellschaft mbH
= [illegible] Verkehrsgesellschaft mbH
= Hessencourrier e.V.
= [illegible] und Güterverkehr Köln AG
= Harzer Schmalspurbahnen GmbH
= [illegible] Eisenbahn Infrastruktur GmbH
= Hohenzollerische Landesbahn AG
= Landratsamt Konstanz
= Kreisbahn Siegen-Wittgenstein GmbH
= [illegible]nische Verkehrsbetriebe AG
= [illegible] öffentliche Bahn Stadt Pfullendorf
= [illegible] Bahnbetriebs-GmbH
= [illegible]a Service Sachsen GmbH
= [illegible]rkehr Ruhr-Lippe GmbH
= [illegible]-Eisenbahn GmbH
= [illegible]-Sieg-Eisenbahn GmbH
= [illegible]bahn GmbH
= [illegible]e Dampfeisenbahn-Ges. mbH
= Sächsisch-Oberlausitzer Eisenbahnges. mbH
= Südwestdeutsche Verkehrs-AG
= [illegible] Verkehr GmbH
= Tegernsee-Bahn Betriebsges. mbH
= [illegible]bahnen im Rheinland GmbH
= [illegible]-Eifel-Bahn Betriebsgesellschaft mbH
= [illegible]bahn des Kreises Altenkirchen GmbH
= [illegible]bergische Eisenbahn-Gesellschaft mbH
= [illegible]sche Landes-Eisenbahn GmbH

❶ International Fire Academy (ifa) at Balsthal exercise (railway) tunnel 260 m long with single- and double-track sections of line and separate escape routes for the training of firefighters. Source: www.ifa-swiss.ch

29 38

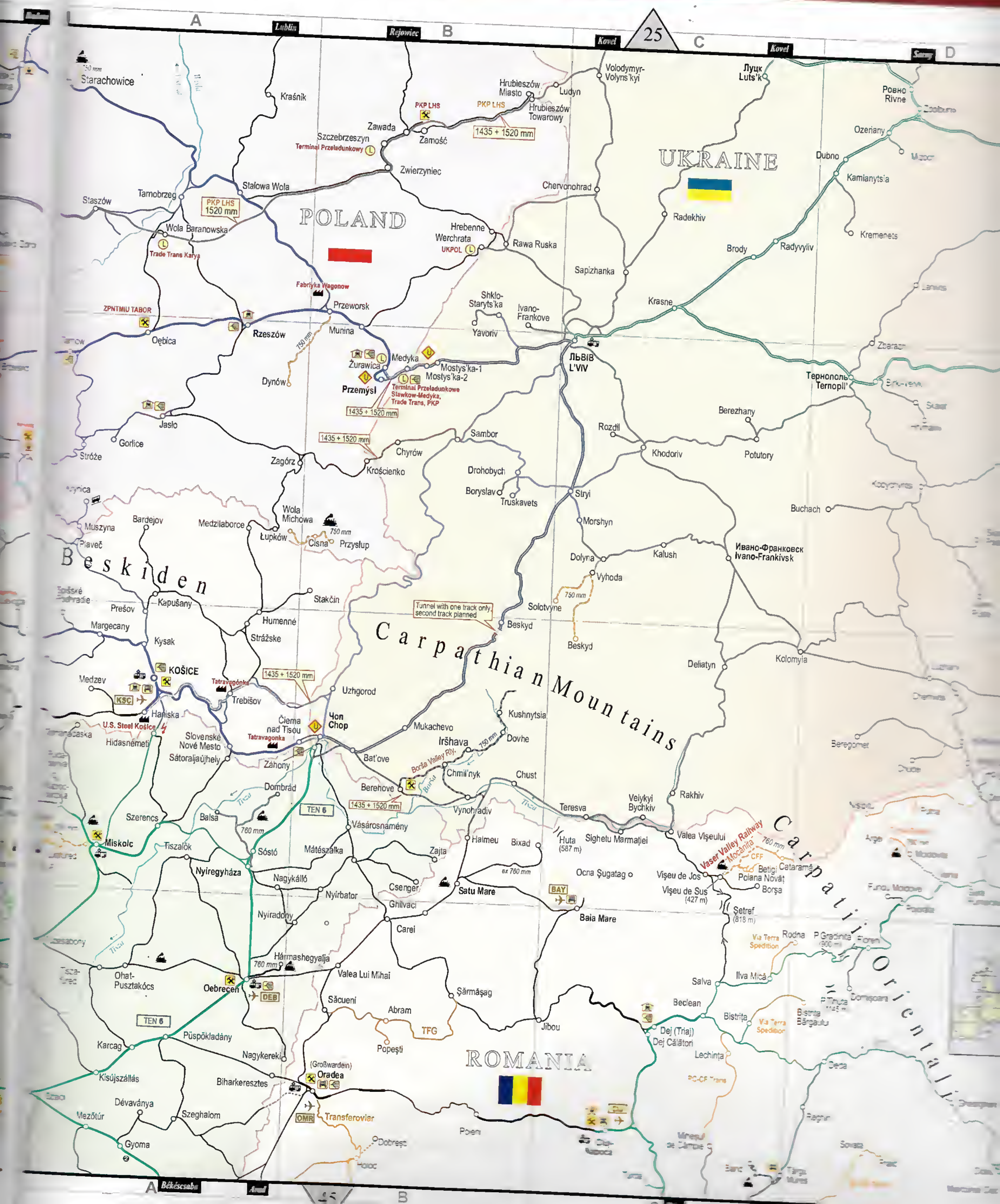
Paderborn
Hannover
Northeim
Wernigerode
Quedlinburg
Magdeburg
Dessau
21
Wittenberg
Berlin
Cottbus
Cottbus
Göttingen
Nordhausen
HALLE
LEIPZIG
Kassel
Eichenberg
Leinefelde
NBS Erfurt - Halle/Leipzig under construction until ca. end of 2014
Electrification planned for 2014
Dresden
Eisenach
Gotha
Erfurt
Weimar
Jena
Gera
Zeitz
Chemnitz
Freiberg
Zwickau
Fulda
Meiningen
Suhl
Sonneberg
Coburg
Kronach
Hof
Plauen
Electrification to Hof under construction
NBS Nürnberg - Erfurt under construction until ca. 2017
Bamberg
Bayreuth
Würzburg
GERMANY
Erlangen
NÜRNBERG
Amberg
Weiden
Schwandorf
Electrification to Regensburg provided or planned
Regensburg
Ingolstadt
Augsburg
Ulm
MÜNCHEN
Landshut
Passau
Rosenheim
Salzburg
Linz
Wels
Innsbruck
Kufstein
Wörgl
Kitzbühel
Zell am See
Bischofshofen
Lindau
Bregenz
Feldkirch
Cheb
Karlovy Vary
Plzeň
PRAHA
Ústí n.L.
Děčín
Most
Chomutov
Kladno
Beroun
Klatovy
Domažlice
Strakonice
Písek
AUSTRIA
Gmunden: merger of tram and local railway VG for 2017
Salzkammergutbahn
Westbahn
Donau
Main
Erzgebirge
Bayerischer Wald
Allgäuer Alpen
Karwendelgebirge
ETCS Lev. 2
Chur
Arlberg
Westbahn (Arlbergbahn)
Arlberg
Brenner
Mayrhofen
39
Villach



14
26
A
B
C
D
Baltic Sea
Zatoka Gdanska
Pojezierze Pomorskie
Pojezierze
Kuršiy marios
Kurškij zaliv
Klaipeda
Šilutė
→ Ust Luga (St. Petersburg)
→ Baltijsk
Svetlogorsk 2
Svetlogorsk 1
Zelenogradsk
Sovietsk
Polessk
Pionerskij
KGD
Jantarnyj
Cernjachovsk
KALININGRAD
Baltiysk
Baltiyskiy Les
Golubevo
Gvardejsk
1435 + 1520
Zheleznodorozhnyi
Mamonovo
Bagrationovsk
Kaliningradskij zaliv
Zalew Wiślany
Braniewo
Cargo Sped
Logisticport Skandawa
Skandawa
Bartoszyce
Korsze
Pieniężno
Chruściel
Orneta
Kętrzyn
Elbląg
Sztutowo
Prawy Brzeg Wisły
PTMKŻ
750 mm
Nowy Dwór Gdański
Władysławowo
Kuźnica
Hel
Łeba
Puck
Wejherowo
Baltic CT
GCT
Gdynia
PKP SKM
Sopot
GTK
DCT
GDAŃSK
GDN
TEN 23
PAN VI
Lubieszewo
Tczew
Malbork
Kartuzy
Lębork
Ustka
Słupsk
Orłowo
Sławno
Koszalin
Manowo
1000 mm
Rosnowo
Białogard
Bytów
PMT LK
Kościerzyna
Starogard Gdański
Jabłowo
Bąk
Czerwonka
Mrągowo
Olsztyn
Mikołajki
Szczytno
Nidzica
Ostróda
Wagon Service
Iława
Lubawa
Kwidzyn
Czersk
Szlachta
Przechlewo
Chojnice
Tuchola
Wierzchucin
Biały Bór
Szczecinek
Złocieniec
Laskowice Pomorskie
Grudziądz
Jabłonowo Pom.
Lidzbark
Działdowo
Mława
Przasnysz
Maków Mazowiecki
Brodnica
Wąbrzeźno
Chełmża
Koronowo
Wałcz
Vistula
Piła
Interlok
Zakłady Pr.
600 mm
Białośliwie
Nakło n.N.
ZNTK
BZG
Bydgoszcz
PESA
Toruń
Lipno
Sierpc
Ciechanów
Mirosław Ujski
Kcynia
Żnin
Wenecja
Gąsawa
ZKP
Inowrocław
Włocławek
Brześć Kujawski
Płock
Płońsk
Nasielsk
Modlin
Nowy Dwór Maz.
Wilcze Tułowskie
WMI
Zielonka
WARSZAWA
Bombardier
Cargo Sped
Spedcont
MK
Sochaczew
WAW
WKD
P.M.
Piaseczno
Krzyż
Karpa
Czarnków
Rogoźno Wlkp.
Sława Wlkp.
Sieraków Wlkp.
Łowyń
Parkbahn Maltanka
POZ
Cargo Sped
Spedcont
ATC Rail
POZNAŃ
Cegielski
Polzug
Gniezno
Anastazewo
Pątnów
Podstolice
Września
PAN II
Konin
Ponętów
Kutno
Łowicz
Ostrowy
Gadki
Środa
Płaczki
Zaniemyśl
Śrem
Zbąszyń
Wolsztyn
Wielichowo
Stare Bojanowo
Leszno
Jarocin
Pleszew
Turek
Łęczyca
G.M.-Radońska
T.Wask.
Tarczyn
PGTKW
Grójec
Skierniewice
Rogów
Koluszki
Rawa Mazowiecka
Biała Rawska
ŁÓDŹ
Bombardier
LCJ
Spedcont
Kalisz
Opatówek
Zduńska Wola
Krotoszyn
Głogów
Odra
Góra Śl.
Rawicz
Test centre Żmigród
Miejska Górka
Ostrów Wielkopolski
TEN 23
Idzikowice
ZUT Remtrak
Opoczno
Piotrków Trybunalski
CTL
Rudna Gwizdanów
PMT LK
Lubin
Żmigród
Trzebnica
Kępno
Wieluń
Chorzew Siemkowice
Skarżysko Kamienna
(former Koeniglich Preussisch e Ostbahn)
(Berlin - Koenigsberg)
Wrocław
Katowice


15
Riga
A
Riga
B
Daugavpils
C
Polack
D
LITHUANIA
RUSSIA
BELARUS
POLAND
UKRAINE
Mazurskie
Tauragė
Neman-Novyi
Kaunas
Jonava
Rizgonys
KUN
Palemonas
Kaišiadorys
VILNIUS
VNO
Trakai
Vaidotai
Pabradė
Bezdonys
Šumskas
Stasylos
Benyakone
Kazlų-Ruda
Extension of third rail 1435 mm to Kaunas planned 2015
TEN 27
PAN I
Nesterov
Kybartai
Marijampolė
Krasnoles'ye
Mockava
Šeštokai
Alytus
Varėna
1435 + 1520
Trakiszki
Marcinkonys
Suwałki
Olecko
Płociczno
600 mm
Turowo
Augustów
Ełk
Ełcka KW
750 mm
Sypitki
Zawady
Tworki
Grajewo
Pisz
Mońki
Uchitel'
Uzberezh
Porech'ye
Гродно
Hrodna
(Grodno)
Sokółka
Masty
Lida
Kurenets
Knyaginin
Молодечно
Maladziečna
Stadler
МИНСК
MINSK
Dzaržynsk
Stoŭbcy
Baranavichy
Zeľva
Slonim
Vaŭkavysk
Berestovitsa
Łomża
Białystok
Centrum Logistyczne w Łosośnej
Waliły
Czerwony Bór
Śniadowo
Ostrołęka
Svislac
Siemianówka
Hajnówka
Hankevičy
Ivacevičy
Bronnaya Gora
Biaroza
Beloozersk
PAN II
Czeremcha
Vysoko-Litovsk
Sokołów Podlaski
← Bug
Mordy
Mińsk Maz.
Siedlce
Kobryn
Žabinka
Drahichyn
Ivanava
Pinsk
Брест
Brest
Małaszewicze
PKP Cargo Centrum Logistyczne Małaszewicze
Terespol
Biała Podlaska
Łuków
Pilawa
Radzyń Podlaski
Maloryta
Khotislav
Zabolottia
Kamin'-Kashyrs'kyi
Zarichne
Borove
Volodymyrets
Kuznetsovs'k
Parczew
Vlodava
Wb dawa
Dęblin
Lubartów
Nałęczów
LUZ
Lublin
Trade Trans
Jagodzin
Chełm
Rejowiec
Dorohusk
Ковель
Kovel
Karczmiska
Poniatowa
Opole Lubelskie
Vistula
Kraśnik
Stalowa Wola
A
Stalowa Wola
B

A
B
C
D
Zielona Góra
Poznań
Łódź
Warszawa
Radom
Graz
Gleisdorf
Zalaegerszeg
Siófok
Dombóvár
Kiskunhalas
Kecskemét
24
39
44
CZECH REPUBLIC
SLOVAKIA
HUNGARY
Lower Austria
Burgenland
Steiermark
Beskid Żywiecki
High Tatra
Lower Tatra
Slovak Ore Mountains
Karkonosze
Krkonoše
Donau
Duna
Rudna Gwizdanów
Test centre Żmigród
Żmigród
Lubin
Trzebnica
PMT LK
ZNTK
Oleśnica
Kępno
Wieluń
Chorzew Siemkowice
Radomsko
ATC Rail
Skarżysko Kamienna
Legnica
WROCŁAW
WRO
Schavemaker
Bombardier
Polzug Intermodal
Wagrem
Kluczbork
Częstochowa
Koniecpol
Włoszczowa
Kielce
Jawor
Jaworzyna Śląska
Kąty W.
Jelenia Góra
Brzeg
PCC Intermodal
Herby Nowe
Jędrzejów
Sędzisław
Świdnica
Wagony Świdnica
Greenbrier
Wałbrzych
Strzelin
Fosowskie
Lubliniec
Opole
Tabor Szynowy
Kalety
1520 mm
PKP LHS
Pińczów
Kozłów
Busko Zdrój
TEN 23
Siewierz
Tarnowskie Góry
Miasteczko Śl. Wask.
PKP LHS = PKP Linia Hutnicza Szerokotorowa Sp.z o.o.
Hrubieszów Border - Sławków Południowy (394,65 km)
Terminale Przeładunkowe Sławków-Medyka
Euroterminal
1435 + 1520 mm
Broumov
Kamieniec Ząbkowicki
Kłodzko
Nysa (Neisse)
Kędzierzyn Koźle
Gliwice
Bytom
Zabrze
Katowice
Sławków
KRAKÓW
Szczytna
Javorník
Newag
Cargo Sped
PCC Intermodal
Rudy
785 mm
Rybnik
KTW
Fablok
Chrzanów
KRK
Karpiel
Brzesko
MWM
Wieliczka
Jaroměř
Hr. Králové
Solnice
Lipová Lázně
Osoblaha
Třemešná ve Slezsku
760 mm
Głubczyce
Racibórz
Oświęcim
Týniště
Rokytnice
Kouty n.Desnou
Krnov
Pardubice
Choceň
Letohrad
Hanušovice
SART
Opava
Bohumín
Bielsko-Biała
Kalwaria Zebrzydowska
Limanowa
TEN 22
Č. Třebová
Šumperk
AWT
Inekon
OKD
Ostrava
CKO Vagonka
Litomyšl
Budišov
Studénka
MSV Metal Studénka
Żywiec
Sucha Beskidzka
Rabka
Nowy Sącz
Ždárec
Svitavy
km 228,1
Chornice
Suchdol
Wisła
Chabówka
Havlíčkův Brod
Nové Město na Moravě
Olomouc
Hranice n.M.
Ostravice
Skalité
Čadca
Nowy Targ
Žďár
Prostějov
Přerov
Rožnov
Makov
Trstená
Zakopane
Jihlava
Křižanov
Tišnov
Hulín
V. Karlovice
Žilina
Tatranská Lomnica
Štrbské Pleso
1000 mm
Nezamyslice
Zborovice
Zlín
Vizovice
Horní Lideč
Vrútky
ZOS Vrútky
Kralovany
Tatravagónka
Levoča
Štrba
TAT
Poprad-Tatry
Okříšky
BRNO
BRQ
Púchov
Rajec
Oslavany
Nedakonice
Nitrianske Pravno
Dobšiná
Jemnice
Slavonice
Trenčín
Trenčianske Teplice
Brezno
Polhora
Slavošovce
Hodonín
Veselí n.M.
TEN 23
Muráň
Tisovec
Rožňava
Drosendorf
Znojmo
Břeclav
Banská Bystrica
760 mm
Čierny Balog
Utekáč
Sigmundsherberg
Retz
Laa/Th.
Nové Mesto
Zvolen
Plešivec
Schwarzenau
Kúty
Bradlom
Chynorany
Jablonica
Vrbové
Piešťany
Ernstbrunn
Mistelbach
Nordbahn
Leopoldov
Zlaté Moravce
Banská Štiavnica
Lučenec
Jesenské
Bánréve
ZOS Trnava
Trnava
Kozárovce
Krems
Absdorf-H.
Stockerau
Gänserndorf
Levice
Veľký Krtíš
Fiľakovo
Tulln
Zohor
Galanta
Šahy
Drégelypalánk
Balassagyarmat
Salgótarján
Kisterenye
Szilvásvárad
Metrans
Bombardier
St. Pölten
TEN 17
ETCS Lev. 2
Westbahn
neue Westbahn
WIEN
Siemens
Flughafen Wien
VIE
ETCS Lev. 1
BTS
PAN IV
BRATISLAVA
Šurany
Nové Zámky
Štúrovo
Romhány
Eger
Hainfeld
Rajka
GySEV
Hegyeshalom
Neusiedel
Ostbahn
NSB
Nededsee
Komárno
Esztergom
Vác
Gyöngyös
Kál-Kápolna
Gutenstein
Ebenfurth
Wiener Neustadt
Raaberbahn
Győr
Gönyű
Komárom
Bombardier MÁV
Dunakeszi
Hatvan
Vámosgyörk
Laubenbach-mühle
St. Aegyd
Mariazell
Hochschneeberg
Sopron
Pamhagen
Tatabánya
BUDAPEST
MÁV
Südbahn
Payerbach
Semmering
Csorna
Bokod
Oroszlány
Kelenföld
BUD
Mürzzuschlag
Base tunnel under construction
Fertőszentmiklós
Kisbér
TEN 6
Extension planned ETCS Lev. 2
Újszász
Friedberg
Oberloisdorf
Veszprémvarsány
Mór
Lovasberény
Cegléd
Szolnok
Birkfeld
Kőszeg
Pápa
Dabas
Weiz
StLB
Oberwart
Rechnitz
Celldömölk
Zirc
Székesfehérvár
Stadler
Pusztaszabolcs
Szombathely
Boba
Veszprém
Szabadbattyán
Adony
Semmering Südbahn Pay... change of left-hand drive to right-hand drive "Frawbach to Meridorf"; after opening of Semmering base tunnel



25
A
B
C
D
Lublin
Rejowiec
Kovel
Kovel
POLAND
UKRAINE
ROMANIA
Beskiden
Carpathian Mountains
Carpaţii Orientali
Starachowice
Kraśnik
Hrubieszów Miasto
Ludyn
Hrubieszów Towarowy
Volodymyr-Volyns'kyi
Луцк Luts'k
Ровно Rivne
PKP LHS
1435 + 1520 mm
Zawada
Szczebrzeszyn
Terminal Przeładunkowy
Zamość
Zwierzyniec
Ozeriany
Dubno
Kamianyts'ia
Kremenets
Stalowa Wola
Tarnobrzeg
Staszów
PKP LHS 1520 mm
Wola Baranowska
Trade Trans Karya
Chervonohrad
Radekhiv
Hrebenne
Werchrata
UKPOL
Rawa Ruska
Brody
Radyvyliv
Sapizhanka
Fabryka Wagonow
Przeworsk
ZPNTMIU TABOR
Rzeszów
Dębica
Munina
750 mm
Krasne
Shklo-Staryts'ka
Ivano-Frankove
Yavoriv
Żurawica
Medyka
Mostys'ka-1
Mostys'ka-2
Terminal Przeladunkowe Slawkow-Medyka, Trade Trans, PKP
Przemyśl
Dynów
ЛЬВІВ L'VIV
Тернополь Ternopil'
1435 + 1520 mm
Jasło
Gorlice
Stróże
Zagórz
Chyrów
Krościenko
Sambor
Rozdil
Berezhany
Khodoriv
Potutory
Drohobych
Boryslav
Truskavets
Stryi
Morshyn
Buchach
Bardejov
Medzilaborce
Muszyna
Plaveč
Wola Michowa
Łupków
750 mm
Cisna
Przysłup
Dolyna
Kalush
Ивано-Франковск Ivano-Frankivsk
Vyhoda
750 mm
Solotvyne
Beskyd
Beskyd
Tunnel with one track only, second track planned
Stakčín
Prešov
Kapušany
Margecany
Humenné
Strážske
Kysak
KOŠICE
Medzev
KSC
Tatravagónka
Trebišov
1435 + 1520 mm
Uzhgorod
Haniska
U.S. Steel Košice
Hidasnémeti
Slovenské Nové Mesto
Sátoraljaújhely
Tatravagonka
Čierna nad Tisou
Чоп Chop
Záhony
Mukachevo
Irshava
Bat'ove
Borša Valley Rly.
750 mm
Dovhe
Kushnytsia
Deliatyn
Kolomyia
Chmil'nyk
Chust
Berehove
Dombrád
1435 + 1520 mm
TEN 6
Vynohradiv
Teresva
Velykyi Bychkiv
Rakhiv
Szerencs
Balsa
760 mm
Miskolc
Tiszalök
Sóstó
Vásárosnamény
Mátészalka
Halmeu
Bixad
Huta (587 m)
Sighetu Marmaţiei
Valea Vişeului
Vaser Valley Railway
Mocăniţa
760 mm
CFF
Nyíregyháza
Nagykálló
Nyírbátor
Csenger
Zajta
6x 760 mm
Ocna Şugatag
Vişeu de Jos
Vişeu de Sus (427 m)
Betigi
Poiana Novăţ
Borşa
Cataramă
Satu Mare
BAY
Ghilvaci
Nyíradony
Carei
Baia Mare
Şetref (818 m)
Hármashegyalja
760 mm
Valea Lui Mihai
Şărmăşag
Salva
Ilva Mică
Rodna
Via Terra Spedition
Ohat-Pusztakócs
Debrecen
DEB
TEN 6
Sâcueni
Abram
TFG
Popeşti
Jibou
Beclean
Bistriţa
Dej (Triaj)
Dej Călători
Lechinţa
Püspökladány
Karcag
Nagykereki
Kisújszállás
Biharkeresztes
(Großwardein) Oradea
Dévaványa
Mezőtúr
Szeghalom
Gyoma
OMR
Transferoviar
Dobreşt
Poieni
Békéscsaba
Arad
B

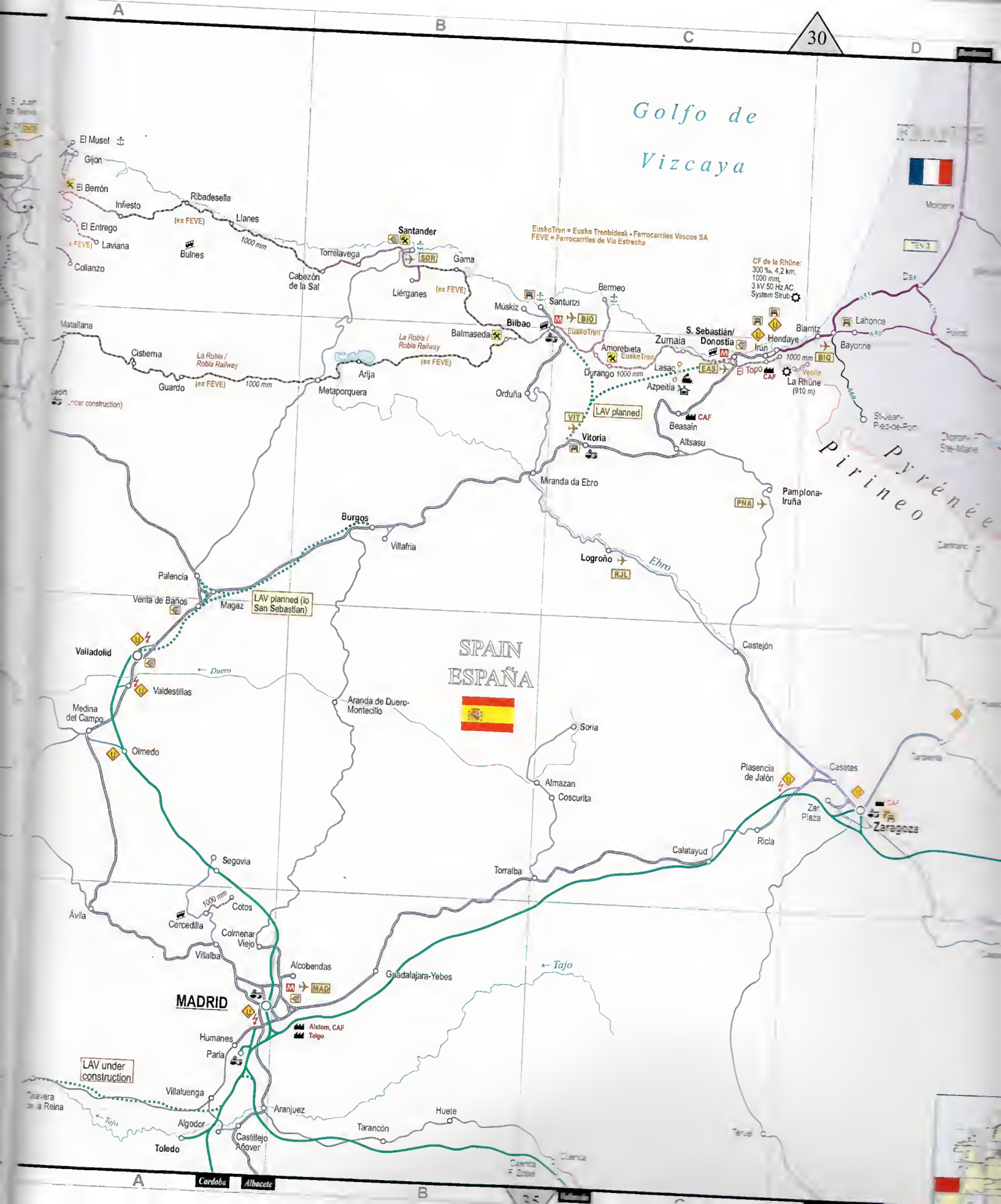

A
18
B
Exeter
C
Southampton
D
London
Newquay
Liskeard
Par
Truro
St. Ives
St. Erth
Penzance
Falmouth
Looe
Plymouth
Newton Abbot
Paignton
Kingswear
Dorchester
Weymouth
Poole
Bournemouth
Portsmouth
Ryde
Wootton
Isle of Wight
Isle of Wight Steam Rly.
Shanklin
Bognor Regis
Littlehampton
Brighton
Coastway Line West
→ Cherbourg
→ St. Helier, St. Malo
→ St. Peter Port
→ Caen
→ Le Havre
→ Poole
→ Portsmouth
→ Rosslare Harbour
English Channel
Guernsey
St. Peter Port
GCI
Jersey
St. Helier
JER
Cherbourg
CER
Valognes
Baie de la Seine
Le Havre
Trouville-Deauville
Dives-Cabourg
Carentan
Lison
Bayeux
St-Lô
CFR
SNCF
CAEN
Coutances
Granville
Folligny
Vire
Mézidon
NORMAN
Flers-de-l'Orne
Argentan
Briouze
Surdon
Alençon
Avranches
Dol-de-Bretagne
St-Malo
DNR
Golfe de Saint-Malo
Roscoff
St-Paul-de-Leon
Lannion
LAI
Paimpol
Le Vapeur du Trieux
CFTA
Pontrieux
Plouaret
Morlaix
Landemeau
Brest
Guingamp
St-Brieuc
Lamballe
Dinan
Callac
Carhaix
CFTA
Châteaulin
BRETAGNE
Médréac
Vélorail de Médréac
La Brohinière
Quimper
UIP
Rosporden
Pontivy
CF du centre Bretagne
Baie Concarneau
Quimperlé
Hennebont
LRT
Lorient
Auray
Vannes
Quiberon
Belle-Île
RENNES
VAL
RNS
SNCF
Vitré
Laval
LGV Bretagne planned for 2016
Le Mans
Redon
Châteaubriant
ABRF Industries
Château-Gontier
Sablé-sur-Sarthe
Reactivation planned in 2014
Amis du Petit Train Anjou
ANE
Château-du-Loir
Angers
Le Croisic
La Baule-Esc.
St-Nazaire
Savenay
Ancenis
Loco Vapeur 141 R 1199
NANTES
Loire
La Possonnière
Anjou
Pornic
Ste-Pazanne
Bouaye
NTE
Bourgneuf-en-Retz
Clisson
Chemillé
Saumur
Langeais
Azay-le-Rideau
Chinon
Cholet
CF de la vendée
Mortagne-sur-Sèvre
Thouars
Challans
St-Gilles-Croix de Vie
La Mothe-Achard
La-Roche-sur-Yon
Bressuire
Saint-Varent
COLAS
Pouzauges
Chantonnay
Les-Sables-d'Olonne
Fontenay-le-Comte
Parthenay
LGV Sud Europe Atlantique planned / under construction for 2017
Futuroscope
TE
PIS
POITIERS
Atlantic Ocean
CFD = Compagnie de Chemins de fer Départementaux
CFTA = CFTA SA (ex Société générale de chemin de fer et de transports automobiles)
VFLI = VFLI SA (ex Voies Ferrées des Landes VFL)
A
B
C
La Rochelle
30
Niort
D
Nantes
Bordeaux
Limoges

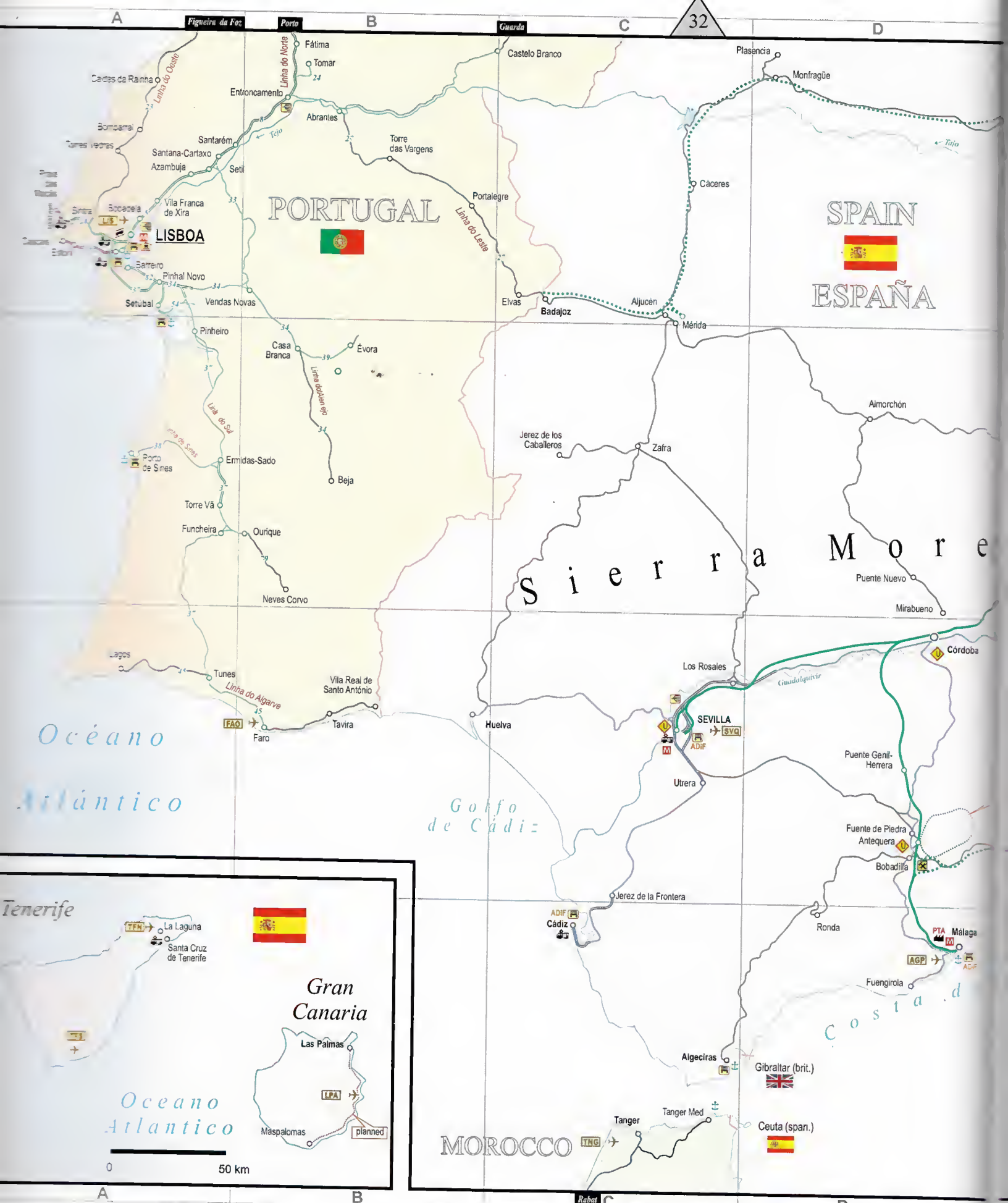

19
20
London
London
Brugge
Terneuzen
Antwerpen
Turnhout
Electrification under construction
Romney, Hythe & Dymchurch Rly.
381 mm
Lewes
Newhaven
Coastway Line East
Hastings
Dungeness
East-bourne
→ Dover
Channel-Tunnel
TEN 2
Calais
Dunkerque
De Panne
Lichtervelde
Poperinge
Gent
SNCB
Dendermonde
Mechelen
Herentals
Mol
Leuven
Hasselt
Landen
BRUSSEL
BRUXELLES
BRU
Louvain-La-Neuve
Kortrijk
Ronse
Tourcoing
LILLE
SNCF
Tournai
Ath
Lille Délivrance
VAL
LIL
CF Touristique de la Vallée de la Scarpe
Mons
Namur
BELGIUM
Charleroi
Alstom
Tramway Historique Lobbes-Thuin
Jeumont
Dinant
Valenciennes
Bombardier
Somain
Douai
Lens
Arras
Béthune
Boulogne-sur-Mer
LGV Nord-Europe
St-Omer
Lumbres
Desvres
Hazebrouck
CF Touristique de la Vallée de l'Aa
COLAS
Étaples-Le Touquet
Montreuil-sur-Mer
Rang-du-Fliers-Verton
Hesdin
St-Pol-sur-Ternoise
Le Crotoy
Baie de Somme
CF de la Baie de Somme
Cayeux-sur-Mer
1000 mm
Noyelles
Le Tréport
Abbeville
Achiet
SARI (Ermewa)
Albert
Cambrai
Berlaimont
Aulnoye-Aymeries
5.9 km test circuit planned for 2017
Mariembourg
Couvin
CFV3V
Treignes
Givet
Marloie
Han-sur-Lesse
TEN 2
Péronne
Busigny
Froissy
CFCO
600 mm
Dompierre
TGV-Haute-Picardie
St-Valery-en-Caux
Dieppe
Fécamp
PICARDIE
Somme
AMIENS
Auffay
Bréauté
Motteville
Montérolier-Buchy
Serqueux
Abancourt
Grandvilliers
Chaulnes
Montdidier
St-Quentin
Origny
CF Touristique du Vermandois
Tergnier
Vervins
Hirson
Marle-sur-Serre
Liart
Charleville-Mézières
Sedan
LUXEMBOURG
Gravenchon-Port-Jérôme
Seine
ROUEN
Pacific Vapeur Club (Sotteville/Rouen)
URO
Sotteville
Oissel
ECR
BVA
Beauvais
Clermont-de-l'Oise
LGV Nord
Laon
Rethel
CF du Sud des Ardennes
Vouziers
CF de la Vallée de l'Eure
Serquigny
Évreux
Gisors
Méru
Creil
Compiègne
Crépy-en-Valois
Soissons
Bazoches
RHE
Reims
Mantes-la-Jolie
Les Mureaux
Achères
COLAS
LBG
COG
Le Bourget
TEN 4
TEN 17
Champagne-Ardenne
Suippes
L'Aigle
Dreux
Plaisir
PARIS
Versailles
Orly
ORY
Château-Thierry
Mézy-Moulins
TSO
Épernay
Châlons-en-Champagne
Marne-la-Vallée
Villeneuve-St-Georges
Coulommiers
Montmirail
VFLI
TEN 4
TEN 17
Aunay-Tréon
Rambouillet
Nogent-le-Rotrou
La Loupe
Chartres
Dourdan
Auneau
TEN 3
Étampes
Melun
AJECTA
Longueville
Provins
SNCF (TGV)
Romilly-sur-Seine
Vitry-le-François
St-Dizier
Revigny
Bar-le-Duc
LGV Atlantique
Voves
Malesherbes
600 mm
Pithiviers
MTP
CF Touristique de Pithiviers
Courtalain-St-Pellerin
Châteaudun
Troyes
Brienne-le-Château
Joinville
Bar-sur-Aube
LGV Sud Est
Sens
Vendôme-Villiers
Vendôme
AAATV Centre Val-de-Loire
ORLÉANS
SDH Ferroviaire SA
Montargis
Ateliers de Joigny SAS
Joigny
Laroche-Migennes
Tonnerre
Mer
Beaugency
Loire
AATY
Auxerre
Blois
Gien
Briare
Tours
Amboise
St-Pierre-des-Corps
Argent
Romorantin
Keolis
1000 mm
600
Salbris
Cosne
Clamecy
Avallon
Montbard
Bourgogne
Champagne
Loches
Lucay-le-Mâle
Écueillé
Train du Bas-Berry
CFTBB
Gièvres
Valençay
out of service
Vierzon
Argy
Bourges
Avord
St-Florent-sur-Cher
NVS
SNCF
Buzançais
Issoudun
Châteauroux
Châteauneuf-sur-Cher
Sancoins
Le Blanc
DIJON
Limoges
Clermont-Ferrand
Clermont-Ferrand

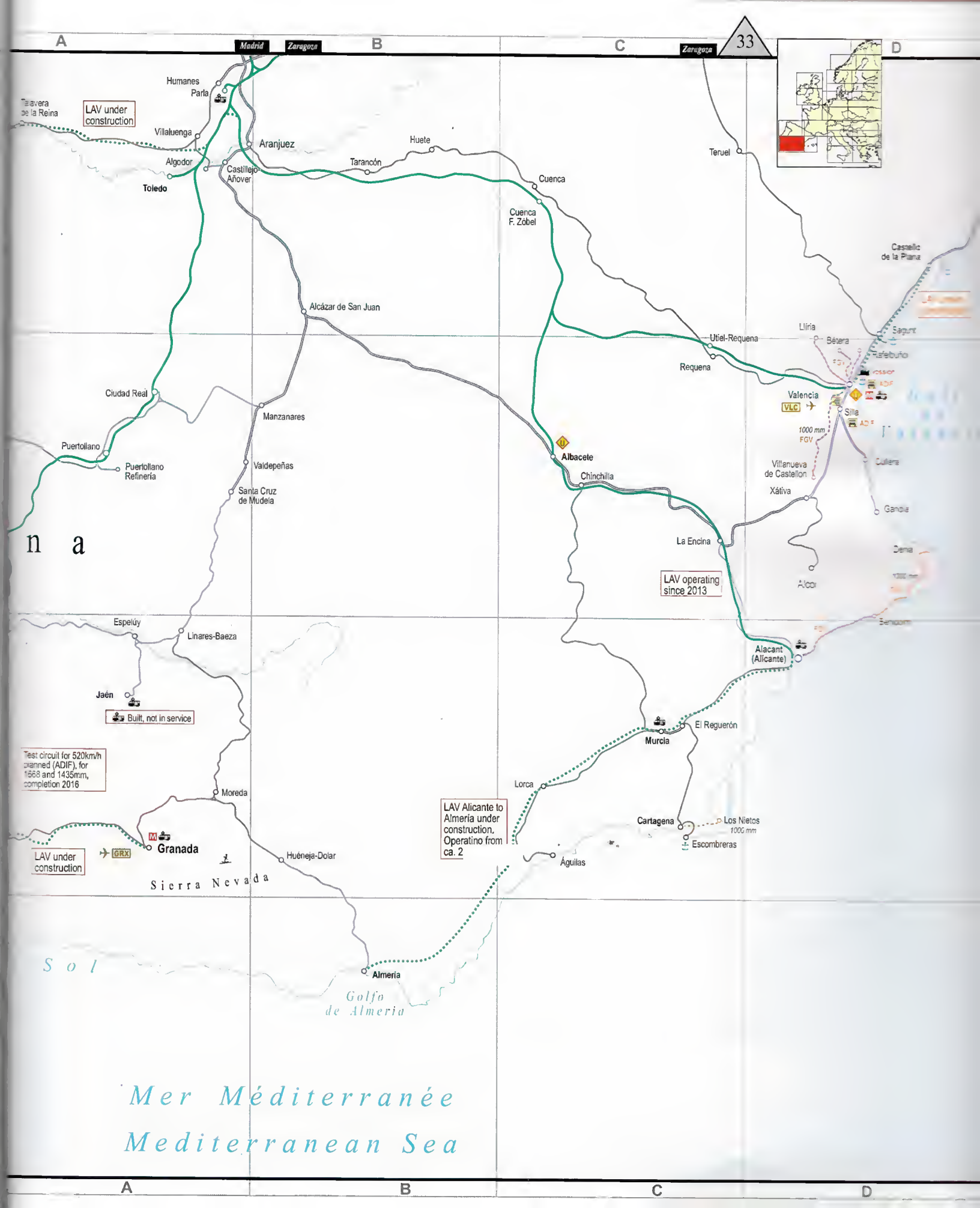

28
33
Nantes
Thouars
Poitiers
Torralba
Zaragoza
Zaragoza
Lleida
Genova
Nice
Livorno
Piombino
Bastia
BIA
Palesca
1000 mm
Casamozza
Ponte Leccia
Corte
Venaco
Vizzavona
Bocognano
Corsica
Corse
Porto Vecchio
FSC
Bonifacio
Golfo de Vizcaya
MAR CANTÁBRICO
Poitou
La Rochelle
Aleton
LRH
Niort
Lusignan
St-Maixent
Surgères
Beauvoir-sur-Niort
Loulay
Rochefort
St-Jean-d'Angély
Lussac-les-Châteaux
St-Saviol
Ruffec
TEN 3
LGV Sud Europe Atlantique planned / under construction for 2017
Petit train de Saint-Trojan
La Tremblade
Train des Mouettes
Pisany
Saintes
Royan
Saujon
Beillant
Cognac
ANG
Chabanais
La Rochefoucauld
Angoulême
Pointe-de-Grave
Soulac-sur-Mer
Le Verdon
Jonzac
Lesparre-Medoc
Montmoreau
Thiviers
Pauillac
Parcoul-Médillac
Agonac
Périgueux
Margaux
Macau
Coutras
Niversac
BORDEAUX
BOD
Hourcade
Libourne
Dordogne
Bergerac
Les Eyzies
EGC
Le Buisson
Siorac
Arcachon
Facture-Biganos
Langon
Le Got
Marmande
Lugos
Ychoux
Train Touristique Landes de Gascogne
Grand Projet Ferroviaire du Sud-Ouest (GPSO) LGV Bordeaux - Toulouse, LGV Bordeaux - Dax planned 2024, Extension to Spanish border until 2032
Monsempron-Libos
Penne
Port-Ste-Marie
Morcenx
VFLI
Ygos
Nérac
Agen
Train Touristique de l'Albret
Mézin
Condom
Garonne
Castelsarrasin
TEN 3
Laluque
Mont-de-Marsan
Dax
FRANCE
EuskoTran = Eusko Trenbideak - Ferrocarriles Vascos SA
FEVE = Ferrocarriles de Via Estrecha
CF de la Rhûne: 300 ‰, 4,2 km, 1000 mm, 3 kV 50 Hz AC, System Strub
Santander
Bermeo
Santurtzi
Muskiz
BIO
Bilbao
EuskoTran
1000 mm
S. Sebastián/ Donostia
Biarritz
BIQ
Labenne
Bayonne
Puyoô
Hendaye
Irún
Zumaia
Amorebieta
EuskoTran
1000 mm
Lasao
EAS
St-Jean-de-Luz
Durango
Azpeitia
CAF
Voolia
1000 mm
La Rhûne (910 m)
Orduña
LAV planned
Beasain
CAF
Artix
PUF
Pau
Auch
Gimont-Cahuzac
L'Isle-Jourdain
Portet-St-Simon
St-Jean-Pied-de-Port
Oloron-Ste-Marie
VIT
Vitoria
Altsasu
Buzy-en-Béarn
Tarbes
LDE
Lourdes
Boussens
St-Gaudens
Garonne
Miranda da Ebro
Pamplona-Iruña
Bagnères-de-Bigorre
CAF
Montréjeau
Pyrénées
Pirineo
Le Train d'Artouste (Diesel, 500 mm)
Canfranc
Arreau
Luchon
Logroño
Ebro
Castejón
SPAIN
Huesca
Soria
Tardienta
FGC
La Pobla
Tremp
A
B
C
D

29
36
A
B
C
D
Paris
Bourges
Belfort
Barcelona
Massif Central
Auvergne
Cévennes
Languedoc
Bourgogne
Dauphiné
Provence
Alpes Maritimes
MER MÉDITERRANÉE
LGV Sud-Est
LGV Méditerranée
Ligne de Cerdagne
Vallon
Moulins
Gilly-sur-Loire
Le Dorat
La Souterraine
Bellac
Montluçon
La Ferté-Hauterive
Paray-le-Monial
Guéret
Busseau-sur-Creuse
St-Sulpice-Laurière
Vieilleville
Lapeyrouse
St-Germain-des-Fossés
Mâcon-Loché-TGV
Mâcon
St-Amour
Bellenaves
Gannat
Vichy
Bourganeuf
Lamure-sur-Azergues
Bourg-en-Bresse
LIG
SNCF
LIMOGES
Châteauneuf-Bujaleuf
Felletin
Riom
Roanne
Volvic
Villefranche-sur-Saône
Ambérieu
CLERMONT-FERRAND
Gravanches
Thiers
TEN 24
1000 mm
Puy de Dôme
Laqueuille
Lezoux
Pont-de-Dore
Noirétable
St-Yrieix-la-Perche
Bugeat
CFE
Sain-Bel
LYON
TEN 6
TEN 24
Boën
Meymac
Ussel
Le-Mont-Dore
Issoire
Pompadour
Uzerche
Montbrison
Brignais
LYS
Lyon-St-Exupery
Vigeois
Bort-les-Orgues
Ambert
AGRIVAP
Les Trains de la Découverte
EBU
Sibelit
Venissieux
St-André-le-Gaz
Objat
Allassac
Tulle
Arlanc
Chambéry
CMF
BVE
CF de la Haute Auvergne
Arvant
St-Étienne
Aurec
Vienne
Brive-la-Gaillarde
Brioude
Massiac
CF du Haut-Forez
Firminy
Dordogne
Sembadel
St-Rambert-d'Albon
GNB
Beaurepaire
Neussargues
St-Georges-d'Aurac
Peyraud
St-Denis-près-Martel
Sarlat
Langeac
Darsac
Vorey
Dunières
Moirans
Lamative
Aurillac
St-Flour
1000 mm
CF Touristique du Haut-Quercy
Voies Ferrées du Velais
Tence
Boucieu-le-Roi
Tournon-sur-Rhône
Grenoble
Le Rouget
Monistrol-d'Allier
LPY
Le Puy-en-Velay
Gourdon
Gramat
St-Agrève
Lamastre
CF du Vivarais
Isère
Assier
St-Chély-d'Apcher
TER Auvergne La Ligne des Causses
Chapeauroux
Valence-TGV
Valence
Bagnac
Aumont-Aubrac
La Voulte-sur-Rhône
Figeac
Capdenac
Langogne
Livron
Cahors
Cransac
Crest
Die
Villefranche-de-Rouergue
St-Christophe
Le Monastier
Marvejols
La Bastide-St-Laurent
Mende
RDZ
Saillans
Luc-en-Diois
Rodez
Villefort
Rhône
Najac
Sévérac-le-Château
La Beaume
Lexos
Naucelle
Chamborigaud
Bessèges
St-Ambroix
Montauban
Carmaux
Millau
Saint-Jean-du-Gard
Tessonnières
St-Rome-de-Cernon
Alès
Albi
Tournemire-Roquefort
Orange
Anduze
Train à vapeur des Cévennes
Carpentras
St-Sulpice-Tarn
Lavaur
Avignon
Damiatte-St-Paul
Nîmes
VAL
TOULOUSE
Vielmur-sur-Agout
Castres
Le Bousquet-d'Orb
Cavaillon
Labruguière
DCM
Lunel
FNI
RDT 13
Fontvieille
Mazamet
Bédarieux
MONTPELLIER
Arles
Autérive
Revel-Sorèze
MPL
Le-Grau-du-Roi
Miramas
Castelnaudary
Cazouls-lès-Béziers
BZR
Sète
Aix-en-Provence
Colombiers
Fos-sur-Mer
Rognac
Carcassonne
Lézignan
Béziers
Agde
MRS
Pamiers
CCF
Gardanne
Moux
Narbonne
Limoux
Foix
MARSEILLE
Port-la-Nouvelle
Quillan
Train du Pays Cathare et du Fenouillèdes
Axat
La Pradelle
Ax-les-Thermes
St-Paul-de-Fenouillet
PGF
Rivesaltes
Perpignan
Villefranche-Vernet-les-Bains
Elne
La-Tour-de-Carol
Saillagouse
1000 mm
Puigcerdà
Le Boulou
Nuria
1000 mm
Céret
Cerbère
Port Bou
Ribes de Freser
1435 - 1668
Figueres-Vilafant
Figueres


Madeira
50 km
Océano Atlántico
Océano Atlántico
Ferrol
1000 mm (ex FEVE)
Ponte Mera
Viveiro
A Coruña
LCG
Betanzos
Ribadeo
Luarca
S. Esteban de Pravia
S. Juan de Nieva
OVD
Cudillero
Pravia
Avilés
(ex FEVE)
Oviedo
Trubia
Pola de Lena
Santiago de Compostela
SCQ
Lugo
Sarria
Villablino
out of service
1000 mm
Santa Cruz del Sil
LAV in preparation/ under construction for 2014 (Pajares Tunnel 24.6 km long)
La Robla
Cubillos del Sil
Ponferrada
Extension of double track to Vigo under construction until ca. 2016
Pontevedra
Monforte de Lemos
Redondela
Vigo
VGO
Ourense
Guillarei
Valença do Minho
LAV under construction until ca. 2016
LEN
Astorga
Linha do Minho
Electrification of the Linha do Minho in preparation/ under construction from 2013
Viana do Castelo
Puebla da Sanabria
Minho
Barcelos
Braga
Chaves
Bragança
Nine
Famalicão
Arco de Baúlhe
Guimarães
Lousado
Trofa
Santo Tirso
Vizela
OPO
Leixões
Ermesinde
Caíde
Metropolitano Ligeiro de Mirandela
Carvalhais
Mirandela
Vila Real
Livração
Marco de Canaveses
Cachão
Vila Nova de Gaia
Porto
1000 mm
Linha do Tua
Duas Igrejas
Espinho
Régua
Tua
Douro
Linha do Douro
Sabor
Zamora
São João da Madeira
Linha do Norte
Linha do Vouga
1000 mm
Pocinho
Beira Alta
Barca de Alva
Sernada do Vouga
Aveiro
Vouga
Macinhata do Vouga
Águeda
Viseu
Salamanca
Mangualde
Linha da Beira Alta
Nelas
Vilar Formoso
Guarda
La Fuente de San Esteban
Pampilhosa
Santa Comba Dão
Figueira da Foz
Mondego
Coimbra
Bifuacação de Lares
Alfarelos
Fuentes de Oñoro
Lourical
Covilhã
COV
PORTUGAL
Linha do Norte
Pombal
Marinha Grande
Leiria
Albergaria dos Doze
Pataias
Nazaré
Maceira
Fátima
Tomar
Castelo Branco
Plasencia
Monfragüe
Entroncamento
Linha da Beira Baixa
Tejo
Abrantes
Sorraia
Santarém
Santana-Cartaxo
Azambuja
Setil
Torre das Vargens
Linha do Leste
Cáceres
Lisboa
Vendas Novas
Elvas
Mérida

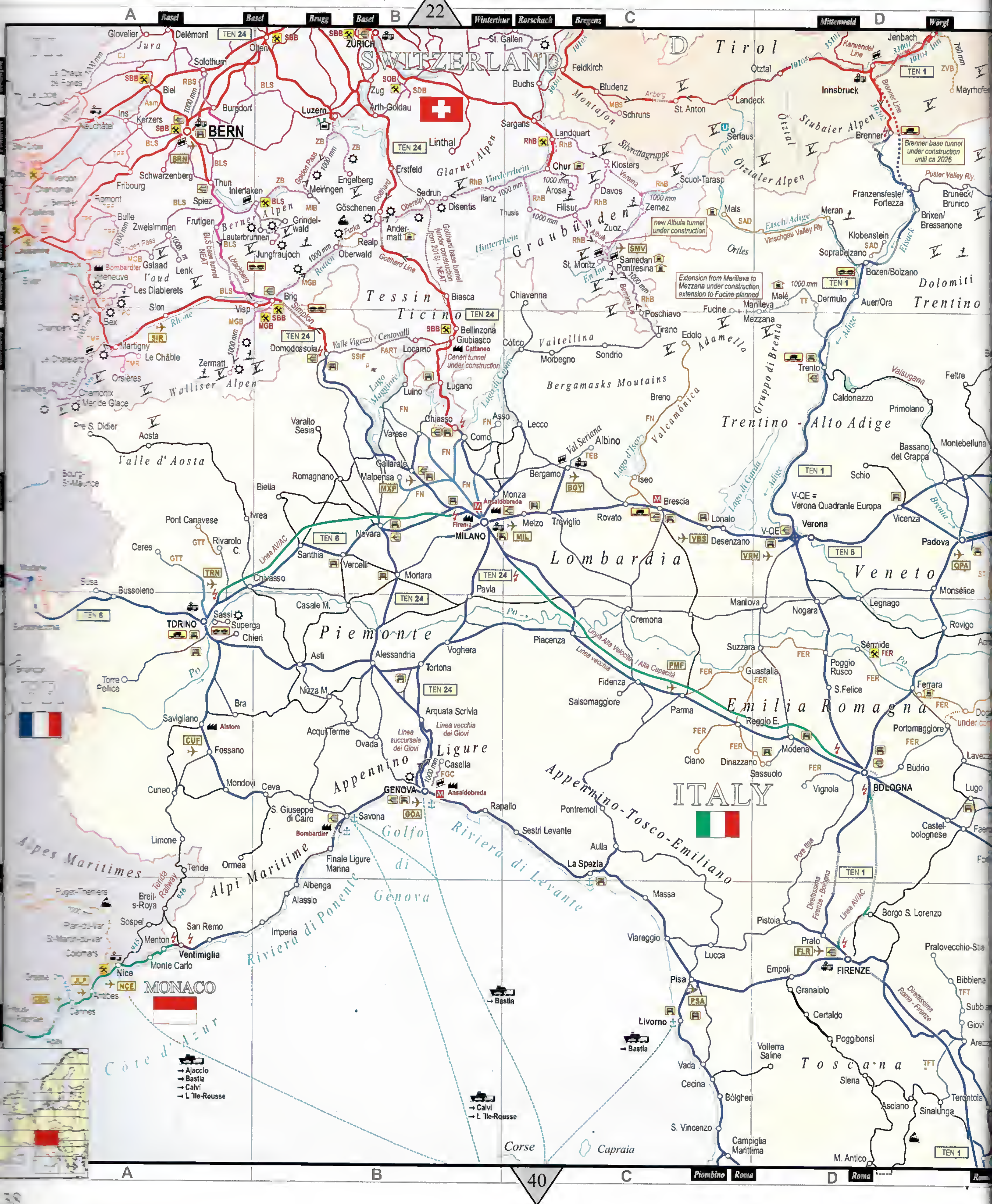

Golfo de Vizcaya
SPAIN
ESPAÑA
Pyrénées
Pirineo
El Musel
Gijon
El Berrón
Infiesto
Ribadesella
Llanes
(ex FEVE)
1000 mm
El Entrego
Laviana
Bulnes
Collanzo
Cabezón de la Sal
Torrelavega
Santander
SDR
Gama
Liérganes
(ex FEVE)
EuskoTren = Eusko Trenbideak - Ferrocarriles Vascos SA
FEVE = Ferrocarriles de Via Estrecha
CF de la Rhûne:
300 ‰, 4,2 km,
1000 mm,
3 kV 50 Hz AC,
System Strub
Bermeo
Santurtzi
Muskiz
Bilbao
BIQ
EuskoTren
Balmaseda
La Robla / Robla Railway
(ex FEVE)
Matallana
Cistierna
La Robla / Robla Railway
Guardo
(ex FEVE)
1000 mm
Arija
Metaporquera
Orduña
Amorebieta
EuskoTren
Durango 1000 mm
Zumaia
S. Sebastián/ Donostia
Irún
Lasao
EAS
El Topo
CAF
Azpeitia
Hendaye
Biarritz
Lahonce
Bayonne
1000 mm
BIQ
Veolia
La Rhûne
(910 m)
Saint-Jean-Pied-de-Port
Beasain
CAF
Altsasu
VIT
LAV planned
Vitoria
Miranda da Ebro
Pamplona-Iruña
PNA
Burgos
Villafria
Logroño
RJL
Ebro
Palencia
Venta de Baños
Magaz
LAV planned (to San Sebastian)
Valladolid
Duero
Valdestillas
Medina del Campo
Olmedo
Aranda de Duero-Montecillo
Soria
Almazan
Coscurita
Castejón
Plasencia de Jalón
Casetas
Zar. Plaza
Zaragoza
Ricla
Calatayud
Torralba
Segovia
Ávila
1000 mm
Cotos
Cercedilla
Colmenar Viejo
Villalba
Alcobendas
MADRID
MAD
Guadalajara-Yebes
Alstom, CAF
Talgo
Humanes
Parla
LAV under construction
Villaluenga
Aranjuez
Algodor
Castillejo Añover
Toledo
Tarancón
Huete
Tajo
Cuenca
Teruel
Talavera de la Reina
Cordoba
Albacete


A
B
C
D
Figueira da Foz
Porto
Guarda
Rabat
Caldas da Rainha
Linha do Oeste
Fátima
Tomar
Entroncamento
Linha do Norte
Castelo Branco
Plasencia
Monfragüe
Bombarral
Torres Vedras
Santarém
Abrantes
Tejo
Santana-Cartaxo
Azambuja
Setil
Torre das Vargens
Portalegre
Cáceres
Tajo
Sintra
Bocadela
Vila Franca de Xira
LIS
LISBOA
Cascais
Estoril
PORTUGAL
Linha do Leste
SPAIN
ESPAÑA
Barreiro
Pinhal Novo
Setubal
Vendas Novas
Elvas
Badajoz
Aljucén
Mérida
Pinheiro
Casa Branca
Évora
Linha do Sul
Linha de Sines
Porto de Sines
Ermidas-Sado
Beja
Almorchón
Jerez de los Caballeros
Zafra
Torre Vã
Funcheira
Ourique
Neves Corvo
Puente Nuevo
Mirabueno
Lagos
Tunes
Linha do Algarve
Vila Real de Santo António
FAO
Faro
Tavira
Huelva
Los Rosales
Córdoba
Guadalquivir
SEVILLA
SVQ
ADIF
Utrera
Puente Genil-Herrera
Fuente de Piedra
Antequera
Bobadilla
Jerez de la Frontera
ADIF
Cádiz
Ronda
PTA
Málaga
AGP
Fuengirola
Algeciras
Gibraltar (brit.)
Tanger
Tanger Med
Ceuta (span.)
TNG
MOROCCO
Océano Atlántico
Golfo de Cádiz
Costa del Sol
Sierra Morena
Tenerife
TFN
La Laguna
Santa Cruz de Tenerife
Gran Canaria
Las Palmas
LPA
Maspalomas
planned
Oceano Atlantico
0
50 km


A
B
C
D
33
Madrid
Zaragoza
Zaragoza
Humanes
Parla
Talavera de la Reina
LAV under construction
Villaluenga
Aranjuez
Huete
Algodor
Castillejo Añover
Tarancón
Toledo
Cuenca
Cuenca F. Zóbel
Teruel
Castellón de la Plana
Alcázar de San Juan
Lliria
Sagunt
Utiel-Requena
Bétera
Requena
Ciudad Real
Manzanares
Valencia
VLC
Silla
1000 mm FGV
Puertollano
Puertollano Refinería
Valdepeñas
Albacete
Chinchilla
Villanueva de Castellón
Cullera
Xátiva
Gandia
Santa Cruz de Mudela
La Encina
Denia
LAV operating since 2013
Alcoi
Benidorm
Espelúy
Linares-Baeza
Alacant (Alicante)
Jaén
Built, not in service
El Reguerón
Murcia
Test circuit for 520km/h planned (ADIF), for 1668 and 1435mm, completion 2016
Lorca
Moreda
LAV Alicante to Almería under construction, Operatino from ca. 2
Cartagena
Los Nietos
1000 mm
Escombreras
Granada
GRX
LAV under construction
Huéneja-Dolar
Águilas
Sierra Nevada
Almería
Golfo de Almería
Mer Méditerranée
Mediterranean Sea


30
A
B
C
D
Dax
Toulouse
Toulouse
Toulouse
Montpellier
Montréjeau
Luchon
FRANCE
Foix
Carcassonne
Narbonne
Quillan
Pyrénées Orientales
ANDORRA
SPAIN
ESPAÑA
Pirineos Orientales
Perpignan
Elne
Villefranche-Vernet-les-Bains
1000 mm
Ligne de Cerdagne
La-Tour-de-Carol
Puigcerda
Nuria
La Molina
Ribes de Freser
Le Boulou
Cerbère
Port Bou
Figueres-Vilafant
Figueres
La Pobla
Tremp
FEVE = Ferrocarriles de la Via Estrecha
FGC = Ferrocarrils de la generalitat de Catalunya
FS = Ferrocarril de Sóllar SA
SFM = Servels Ferroviaris de Mallorca
1435 + 1668 mm
Girona
Maçanet
Costa Brava
Arenys de Mar
Granollers
Montserrat
Igualada
Suria
Sallent
Manresa
Balaguer
Lleida
Monzon
Terrassa
Gelida
La Plana
Camp Tarragona
Reus
Mora
S. Vicenc de Calders
Tarragona
Alstom
BARCELONA
Morrot
BCN
REU
1435 + 1668 mm
Genova
Livorno
Civitavécchia
Alger
Palma de Mallorca
Tanger
Costa Daurada
Tortosa
L'Aldea
Mediterranean Sea
Mar Mediterráneo
Minorca
FS 914 mm, 1200 V, DC
Port de Sóller
Sóller
Sa Pobla
Inca
Santa María
FS
SFM
Enllaç
Sineu
Artà
UIB
Marratxí
PMI
Palma
Manacor
SFM 1000 mm, 1500 V, DC
Manacor - Artà reactivation planned / under construction - stopped after change of the government
Majorca
Ibiza
IBZ
Formentera


Manresa Baixador
36
La Tor de Querol
Perpignan
A
B
C
D
Terrassa Rambla
Castellamau S. Can Llong
Sabadell Nord
Parets del Vallès
Montmeló
Sabadell-Rambla
Sabadell Centre
Sabadell
Olesa de Montserrat
Les Fonts
Sant Quirze
Sabadell Sud
Mollet-Sta Rosa
Mollet Sant Fost
Abrera
Barberà del Vallès
Santa Perpetua de Mogoda
de la Llagoste
Univ. Autònoma
Bellaterra
Cerdanyola del Vallès
Montcada Ripollet
Sant Joan
Metro del Vallès
Cerdanyola Universitat
Montcada i Reixac
Montcada i Reixac Manresa
Rubí
Volpelleres
Montcada i R. Santa Maria
Martorell Enllaç
Martorell Central
Martorell Vila
Castellbisbal
Rubí
Hospital General
Sant Cugat del Vallès
Montcada Bifurcació
Ocata
El Masnou
Montgat Nord
Montgat
Sant Cugat
Valldoreix
El Palau
Sant Andreu de la Barca
La Floresta
Badalona
St. Andreu Arenal
St. Andreu Comtal
Les Planes
Sagrera Meridiana
Sagrera
Sant Adrià del Besòs
El Papiol
Pallejà
Baixador de Vallvidrera
Av. Tibidabo
El Clot Aragó
1435 + 1668 mm
Peu del Funicular
Quatre Camins
Sarrià
Sant Gervasi
Gràcia
Can Ros
Reina Elisenda
Linea de Balmes
Passeig de Gràcia
Arc de Triomf
Sant Vicenç dels Horts
Molins de Rei
Sant Feliu de Llobregat
Catalunya
Estació de França
BARCELONA SANTS
Sant Joan Despi
Torrassa
Espanya
Magòria - La Campana
Santa Coloma de Cervelló
Colònia Güell
L'Hospitalet de Llobregat Cornellà
Ildefons Cerdà
La Llagosta
Moli Nou
Ciutat Cooperativa
Almeda
St. Josep
Europa Fira
Can Tunis
Sant Boi
Belvitge
Cornellà Riera
Morrot
Tercat
El Prat de Llobregat
Aeroport
BCN
Viladecans
Gavà
Castelldefels
Platja de Castelldefels
Garraf
SPAIN
ESPAÑA
BARCELONA
+ TMB not shown
Mediterranean Sea
Mar Mediterráneo
Copyright © Verlag Schweers + Wall GmbH
Tarragona
Zaragoza
Igualada
KEY
double track line, 1435 mm, 25 kV AC, ADIF/RENFE
double track line, 1435 mm + 1668 mm, 3 kV DC, ADIF/RENFE
double track line, 1668 mm, 3 kV DC, ADIF/RENFE
single track line, 1668 mm, 3 kV DC, ADIF/RENFE
single track line, 1668 mm, goods traffic, ADIF/RENFE not electrified
double track line, 1435 mm, 1,5 kV DC FGC, in the urban area mostly underground. The FGC also operates 3 Metro lines in Barcelona (L6, L7, L8)
double track line, 1000 mm, 1,5 kV DC, FGC
single track line, 1000 mm, 1,5 kV DC, FGC
single track line, 1000 mm, FGC, not electrified, goods traffic only
single track line, 1000 mm end 1435 or 1668 mm
tram
funicular railway
cable car (teleferic)
works
container terminal
depot
change of voltage, e.g. 3 kV DC / 25 kV AC 50 Hz
0 2 4 6 8



Basel
Brugg
Winterthur
Rorschach
Bregenz
Mittenwald
Wörgl
22
SWITZERLAND
Tirol
Jura
Delémont
Solothurn
Olten
Zürich
St. Gallen
Feldkirch
Bludenz
Montafon
Schruns
St. Anton
Landeck
Ötztal
Innsbruck
Stubaier Alpen
Brenner
Brenner base tunnel under construction until ca 2026
Jenbach
Biel
Burgdorf
Luzern
Zug
Arth-Goldau
Sargans
Buchs
Landquart
Silvrettagruppe
Klosters
Serfaus
Ötztaler Alpen
Neuchâtel
Ins
Kerzers
BERN
Linthal
Glarner Alpen
Chur
Davos
Scuol-Tarasp
Mals
Meran
Franzensfeste/ Fortezza
Bruneck/ Brunico
Brixen/ Bressanone
Schwarzenberg
Fribourg
Thun
Interlaken
Spiez
Engelberg
Meiringen
Erstfeld
Sedrun
Disentis
Ilanz
Thusis
Arosa
Filisur
Zernez
new Albula tunnel under construction
Etsch/Adige
Vinschgau Valley Rly
Klobenstein
Sopraboizano
Bulle
Zweisimmen
Frutigen
Berner Alpen
Lauterbrunnen
Grindelwald
Göschenen
Andermatt
Realp
Oberwald
Furka
Gotthard base tunnel (under construction from 2016): NEAT
Gotthard Line
Graubünden
Zuoz
Samedan
Pontresina
St. Moritz
Ortles
Bozen/Bolzano
Montreux
Gstaad
Lenk
Jungfraujoch
Vaud
Les Diablerets
Brig
Simplon
Tessin
Ticino
Biasca
Chiavenna
Poschiavo
Extension from Marilleva to Mezzana under construction, extension to Fucine planned
Malé
Dermulo
Auer/Ora
Dolomiti
Trentino
Sion
Visp
Rhône
Martigny
Le Châble
Zermatt
Orsières
Chamonix
Mer de Glace
Walliser Alpen
Domodossola
Valle Vigezzo / Centovalli
Locarno
Bellinzona
Giubiasco
Ceneri tunnel under construction
Cólico
Valtellina
Morbegno
Sondrio
Tirano
Edolo
Adamello
Fucine
Marilleva
Mezzana
Gruppo di Brenta
Trento
Lago Maggiore
Luino
Lugano
Lago di Como
Bergamasks Moutains
Breno
Valcamonica
Feltre
Valsugana
Caldonazzo
Primolano
Pré S. Didier
Aosta
Valle d'Aosta
Varallo Sesia
Varese
Chiasso
Como
Asso
Lecco
Val Seriana
Albino
Lago d'Iseo
Iseo
Trentino - Alto Adige
Bassano del Grappa
Montebelluna
Biella
Romagnano
Gallarate
Malpensa
Monza
Bergamo
Brescia
Lago di Garda
Schio
V-QE = Verona Quadrante Europa
Pont Canavese
Ivrea
Novara
MILANO
Melzo
Treviglio
Rovato
Lonato
Desenzano
Verona
Vicenza
Padova
Ceres
Rivarolo C.
Santhia
Vercelli
Linea AV/AC
Lombardia
Veneto
Susa
Bussoleno
Chivasso
Mortara
Pavia
Mantova
Nogara
Legnago
Monselice
TORINO
Sassi
Superga
Chieri
Casale M.
Piemonte
Cremona
Rovigo
Asti
Alessandria
Voghera
Piacenza
Linea Alta Velocità / Alta Capacità
Linea vecchia
Suzzara
Sermide
Poggio Rusco
S.Felice
Ferrara
Torre Pellice
Po
Nizza M.
Tortona
Fidenza
Salsomaggiore
Guastalla
Parma
Reggio E.
Emilia Romagna
Bra
Savigliano
Alstom
Arquata Scrivia
Linea vecchia dei Giovi
Linea succursale dei Giovi
Acqui Terme
Ovada
Liguria
Casella
Ciano
Dinazzano
Sassuolo
Modena
Portomaggiore
Fossano
Mondovi
Ceva
Appennino
Appennino-Tosco-Emiliano
ITALY
Vignola
BOLOGNA
Budrio
Lugo
Cuneo
GENOVA
Ansaldobreda
Rapallo
Pontremoli
S. Giuseppe di Cairo
Savona
Bombardier
Golfo di Genova
Riviera di Levante
Sestri Levante
Aulla
La Spezia
Castel-bolognese
Limone
Alpes Maritimes
Tende
Ormea
Alpi Maritime
Finale Ligure Marina
Albenga
Alassio
Massa
Porretta
Direttissima Firenze - Bologna
Linea AV/AC
Borgo S. Lorenzo
Breil-s-Roya
Sospel
Tenda Railway
San Remo
Imperia
Riviera di Ponente
Pistoia
Viareggio
Prato
Menton
Ventimiglia
Monte Carlo
Nice
Antibes
Cannes
MONACO
Lucca
Empoli
FIRENZE
Pratolvecchio-Stia
Bibbiena
Pisa
Granaiolo
Certaldo
Poggibonsi
Direttissima Roma - Firenze
→ Bastia
Livorno
Côte d'Azur
→ Ajaccio
→ Bastia
→ Calvi
→ L'Ile-Rousse
Volterra Saline
Vada
Cecina
Toscana
Siena
Asciano
Sinalunga
Terontola
Bolgheri
S. Vincenzo
Campiglia Marittima
→ Calvi
→ L'Ile-Rousse
Corse
Capraia
M. Antico
40
Piombino
Roma

23
26
41
Wörgl
Salzburg
Wien
Bruck a.d.Mur
Birkfeld
Aspang
Friedberg
Kőszeg
Sopron
Roma
Bari
Steiermark
Hohe Tauern
Kärnten
Karnische Alpen
Karawanken
Friuli
AUSTRIA
SLOVENIA
CROATIA
HRVATSKA
SAN MARINO
Umbria
Istra
Istria
Dalmacija
Golfo di Trieste
Golfo di Venezia
Mare Adriatico
Krk
Cres
Dugi Otok
Brac
Hvar
Zell am See
Schwarzach-St. Veit
Unzmarkt
Zeltweg
Übelbach
Weiz
Gleisdorf
Oberwart
Rechnitz
Szombathely
Mauterndorf
Tamsweg
Murau
Murtal Rly.
760 mm
Böckstein
Mallnitz
Tauern Rly.
Lienz
Spittal
Kötschach-Mauthen
Hermagor
Arnoldstein
Tarvisio
Villach
Ossiach
Feldkirchen
Klagenfurt
Weizelsdorf
St. Veit a.d.Glan
Treibach-Althofen
Klein St. Paul
St. Andrä
St. Paul
Bleiburg
Köflach
Graz
Stainz
Wies-Eibiswald
Koralm Railway (under construction to ca. 2023)
Lavant Valley Rly.
Spielfeld-Straß
Radkersburg
Gleichenberg
Feldbach
Szentgotthárd
Körmend
Zalaszentiván
Zalalövő
Zalaegerszeg
Őriszentpéter
Hodoš
Murska Sobota
Lendava
Lenti
Electrification provided (by EU aid)
Electrification under construction
Electrification provided
Maribor
G. Radgona
Ljutomer
Ptuj
Ormož
Pragersko
Dravograd
Velenje
Celje
Zidani Most
Rogatec
Đurmanec
Imeno
Sevnica
Trebnje
Dobova
Jesenice
Bled Jesero
Lesce Bled
Bohinjska Bistrica
Kamnik
Podbrdo
Bohinj Railway
Most
Kanal
LJUBLJANA
Grosuplje
Gorizia
Nova Gorica
Ajdovščina
Sežana
Postojna
Pivka
Divača
Kočevje
Nove Mesto
Metlika
double-track planned
Trieste
Koper
Hrastovlje
Buzet
Lupoglav
Kanfanar
Raša
Pula
Šapjane
Rijeka
Bakar
Delnice
Lokve
Moravice
Ogulin
Oštarije
Oštanje Ravnice
Drežnica
Josipdol
Karlovac
Čićenja tunnel project (approx. 14 km) to connect Istria with Rijeka and the rest of the railway network
Route closed due to landslide
Blata
Lička Jesenica
Rudopolje (872 m)
Vrhovine
Ličko Lešće
Lika Railway
Perušić
Gospić
Medak
Lovinac
Gračać
Malovan
Plavno
Knin
Kistanje
Benkovac
Škabrnje
Zadar
Bibinje
Drniš
Unešić
Šibenik
Perković
Primorski Dolac
Split
ZAGREB
Končar
Dugo Selo
Turopolje
Lekenik
Ludina
Greda
Sisak
Sunja
Volinja
Dobrljin
Utinja
Topusko
out of service (destroyed)
High speed line to Rijeka planned for 200km/h, completion not before 2025
Zabok
Gornja Stubica
Golubovec
Varaždin
Čakovec
Kotoriba
Koprivnica
Križevci
Gradec
Sv. Ivan Žabno
Bjelovar
planned under construction
Novi Grad
Blatna
Bos. Krupa
Bihać
Ljubija Rudnik
Electrification to Bihac planned
River Una Railway electrified in 1987. Catenary damaged during Bosnian war
River Una Railway
Martin Brod
Dugo Ličko Polje
Kistolmács
Nagy-kanizsa
Murakeresztúr
Gyékényes
Ludbreg
Botovo
Pontebba
Pontebbana Rly.
Gemona
Udine
Cividale
Casarsa
Sacile
Conegliano
Cervignano
Portogruaro
Treviso
Mestre
VENEZIA
Chioggia
Ravenna
Cervia-Milano Marittima
Cesena
Bellaria
Rimini
Pesaro
Fano
Senigallia
Montemarciano
Ancona
Pergola
Fabriano
Albacina
Macerata
Civitanova Marche
Tolentino
Umbertide
Perugia
Perugia Pte. S.Giovanni
Foligno
Città di Castello
→ Kerkira (GR)
→ Patra (GR)
→ Pescara
ŠLB = Salzburger Lokalbahn
SRB = Südburgenländische Regionalbahn GmbH
StLB = Steiermärkische Landesbahn
ZVB = Zillertaler Verkehrsbetriebe AG
GySEV = Győr-Sopron-Ebenfurti Vasút Zrt
FER = Ferrovie Emilia Romagna Srl
FUC = Ferrovie Udine CividaleSrl
TFT = Trasporto Ferroviario ToscanoSpA
UM = Umbria Mobilità (ex FCU)

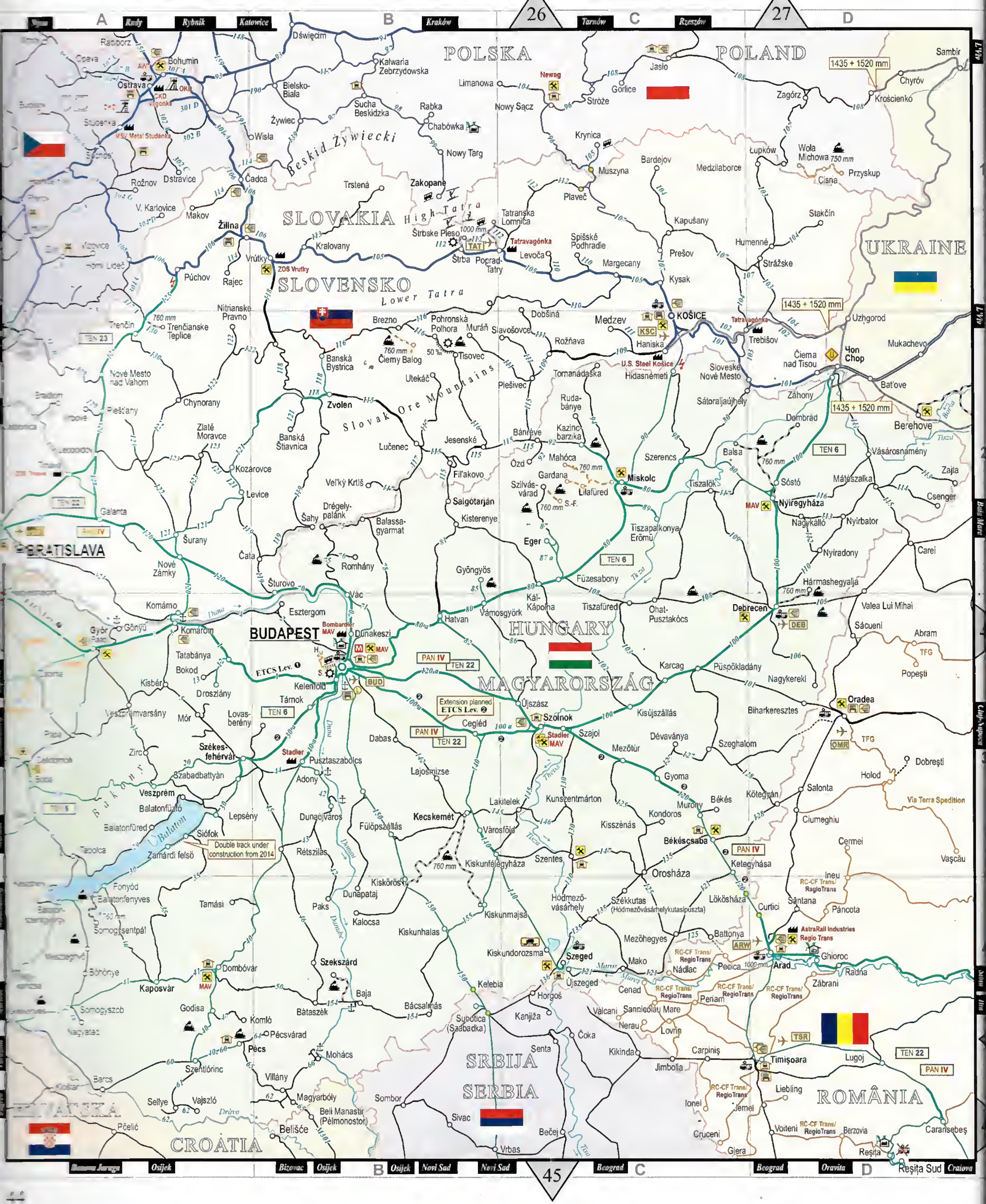
CV = Circumvesuviana Srl
FAL = Ferrovie Appulo - Lucane Srl
FAS = Ferrovia Adriatica Sangritana SpA
FdG = Ferrovie del Gargano SpA
FdS = Arst Gestione FdS Srl (Ferrovie della Sardegna)
FSE = Ferrovie del Sud Est e Servizi Automobilistici Srl
FT = Ferrotramviaria SpA
FVO = Ferrovia Val d'Orcia - Associazione Ferrovie Touristiche Italia
Met.Ro. = Metropolitana di Roma SpA


A
39
B
C
45
D
Rijeka
Martin Brod
Doboj
Gračać
Ličko Dugo Polje
no train service
Zenica
Kakanj
BOSNIA and HERZEGOVINA
Zadar
Škabrnje
Benkovac
Radučić
Knin
Podlugovi
SARAJEVO
ZAD
Kistanje
CROATIA
Dugi Otok
Ivan-Tunnel 3,2 km
Bradina
Dmiš
Šibenik
Unešić
Sinj
Jablanica
Railway and War Memorial (Bridge in the Neretva Valley)
24 ‰
Konjic
Primorski Dolac
Perković
SPU
Split
Dalmacija
Mostar
OMO
Brac
Hvar
Čapljina
Gabela
Ploče
Metković
Civitanova Marche
Vis
Pelješac
Korčula
Lastovo
Mljet
Dubrovnik
DBV
Porto d'Ascoli
Giulianova
Teramo
→ Split (HR)
Pescara
Mare Adriatico
S. Vito
FAS
Lanciano
Sulmona
Termoli
Peschici
no train service
ex 950 mm
Castel di Sangro
FdG
S. Severo
Manfredonia
Isernia
Roccasecca
Campobasso
Lucera
Foggia
Barletta
Piedimonte
Puglia
ex 750 mm
FT
BRI
BARI
→ Dubrovnik (HR)
→ Durres (AL)
→ Igoumenitsa (GR)
→ Kerkira (GR)
→ Patra (GR)
Electrification of the FSE line Bari - Putignano - Taranto for ca. 2017
Formia
ex 950 mm
MCNE
Rocchetta
Benevento
Caserta
Toritto
950 mm
Rutigliano
FSE
Melito
FAL
Spinazzola
Villa Literno
Aversa
Cancello
CV
Baiano
Melfi
Calitri
Pescopagano
Putignano
Gioia del Colle
NAP
Nola
950 mm
Avellino
Montella
Nusco
Lioni
Forenza
Genzano
Gravina in Puglia
Altamura
Marinella
Martina Franca
BDS
Brindisi
S. Vito
Samo
Campania
Ansaldobreda
950 mm
Avigliano
Acerenza
FAL
P. Superiore
Grassano-Garaguso-Tricárico
Matera
Ischia
NAPOLI
Bella-Muro
P. Città
Trivigno
Palagianello
Taranto
Francavilla Fontana
Manduria
Salerno
Castellamare
CV
950 mm
Tito
Potenza
Ferrandina
Ginosa
Golfo di Napoli
Sorrento
Battipaglia
Sicignano
Campomaggiore-Pietrapertosa
Pisticci
Golfo di Taranto
Novoli
Cagliari
Palau
Palermo
Porto Vecchio
Capri
Golfo di Salerno
Paestum
Basilicata
Marconia
Metaponto
Agropoli-Castellabate
TEN 1
Policoro-Tursi
Ascea
Rocca Imperiale
Sapri
Mare Ionico
Maratea
Roseto-Capo Spulico
Trebisacce
43

CV	= Circumvesuviana Srl
FAL	= Ferrovie Appulo - Lucane Srl
FdC	= Ferrovie della Calabria Srl
FCE	= Ferrovia Circumetnea
FdS	= Arst Gestione FdS Srl (Ferrovie della Sardegna)
FSE	= Ferrovie del Sud Est e Servizi Automobilistici Srl
FT	= Ferrotramviaria SpA
MCNE	= MetroCampania NordEst Srl

Golfo dell'Asinara
→ Ajaccio
→ Genova
→ Marsellie, Toulon
→ Genova, Napoli
→ Civitavecchia
→ Livorno, Fiumicino
→ Civitavecchia
→ Livorno
→ Piombino
→ Genova
→ Salerno
Palau
Arzachena
S. Antonio
Golfo Aranci
Tempio
Bortigiadas
Olbia
OLB
Porto Torres
Sorso
FdS
950 mm
Martis
Monti-Telti
Sassari
Oschiri
Dimaro
FdS
Ploaghe
Alghero
Ozieri-Chilivani
Sardegna
Bonorva
Sindia
Silanus
Iscra
Nuoro
Bosa
FdS
950 mm
Oniferi
Tinnura
Macomer
Bórore
Abbasanta
Paulilatino
Sorgono
FdS
Civitavecchia
Genova
Oristano
Tortoli
Arbatax
FdS
Ussassai
Esterzili
Uras-Mogoro
Mandas
Orroli
S. Gavino
950 mm
Sanluri
Suelli
FdS
Dónori
Villamassargia-Domusnuvas
Decimomannu
Siliqua
Monserrato
CAG
FdS
CAGLIARI
Carbonia
Golfo di Cagliari
Mare Tirreno
Isola
Punta
PMO
Trapani
Castellamare
Alcamo
Diramazione
Calatafimi
Favignana
Mozia-Birgi
Salemi-Gibellina
Marsala
Mazara
Castelvetrano
Pantelleria
TUNISIA
Bizerte
Menzel Bourguiba
Tamera
Mateur
Jedeida
TUNIS
La Marsa
A
B
C
D
42


A
B
C
D
Roma
Roma
Piedimonte
Sulmona
Foggia
Foggia
Barletta
Barletta
Barletta
BARI
Electrification of the FSE line Bari - Putignano - Taranto for ca. 2017
ITALY
Mare Ionio
Mare Mediterraneo
Sicilia
Ischia
Capri
Golfo di Napoli
Golfo di Salerno
Golfo di Taranto
Stromboli
Salina
Lipari
Vulcano
NAPOLI
PALERMO
Messina
Catania
Caserta
Benevento
Rocchetta
Melfi
Spinazzola
Toritto
Mellitto
Altamura
Gravina in Puglia
Genzano
Acerenza
Avigliano
Bella-Muro
P. Superiore
P. Città
Potenza
Trivigno
Grassano-Garaguso-Tricárico
Matera
Marinella
Gioia del Colle
Monopoli
Fasano
Cisternino
Ostuni
Carovigno
Putignano
Martina Franca
S. Vito
Ceglie Messápica
Brindisi
Francavilla Fontana
Manduria
Taranto
Palagianello
Ginosa
Pisticci
Ferrandina
Campomaggiore-Pietrapertosa
Tito
Sicignano
Paestum
Agrópoli-Castellabate
Ascea
Sapri
Maratea
Scalea-S. Domenica Talao
Diamante-Buonvicino
Capo Bonifati
Cetraro
Fuscaldo
Páola
Cosenza
Spezzano Sila
Pedace
Rogliano
Camigliatello Silano
S. Giovanni in Fiore
Strongoli
Crotone
Cutro
Catanzaro Città
Catanzaro Lido
Crópani
Lamezia Terme
Nocera Tricinese
Campora-S. Giovanni-Serra
Langobardi
Rocca Imperiale
Roseto-Capo Spulico
Villapiana-Torre Cerchiara
Trebisacce
Spezzano Albanese Terme
Sibari
S. Marco-Roggiano
Corigliano Cálabro
Rossano
Calopezzati
Cariati
Policoro-Tursi
Marconia
Metaponto
Pizzo
Eccellente
Vibo Marina
Zambrone
Vibo Valentina
Ricadi
Soverato
Nicótera
Rosamo
Gioia Tauro
Cinquefrondi
Cittanova
Taurianova
Palmi
Monasterace-Stilo
Roccella Jónica
Gioiosa Jónica
Combined rail and road bridge planned. Construction started 2009 but suspended.
Miazzo
Capo d'Orlando-Naso
Patti
Giampilieri
Villa S. Giovanni
Reggio di Calabria
Reggio C. Pellaro
Ferruzzano
Saline di Reggio
Melito
Palizzi
Aliterme
S. Agata
Cefalù
Tusa
Castelbuono
Caronia
Fiumetorto
Bagheria
Termini Imerese
Cerda
Randazzo
Cerro
Maletto
S. Venera
Taormina
Alcantara
Fiumefreddo
Riposto
Bronte
M. Etna (3323 m)
Adrano
Paternò FCE
Paternò
Acireale
Bicocca
Scordia
Lentini Dir.
Militello
Augusta
Siracusa
Caltagirone
Niscemi
Vizzini-Licodia
Falconara
Gela
Licata
Acate
Comiso
Ragusa
Vittoria
Noto
Avola
Modica
Scicli
Rosolini
Sampieri
Pozzallo
Leonforte-Pirato
Enna
C. Xirbi
Dittaino
Caltanissetta
Grotte
Racalmuto
Aragona-Caldare
Canicattì
Agrigento
Porto Empedocle
Valleiunga
Campofranco
Roccapalumba
Cagliari
Palau
Palermo
Porto Vecchio
Barcelona
Cagliari
Genova
Livorno
Napoli
Salerno
Livorno
Salerno
Catania
Valletta (Malta)
Lampedusa
Linosa
TEN 1
REG
CTA
FCE
FAL
FSE
FT
FdC
CV
MCNE
NAP
950 mm



26
27
A
B
C
D
Rudy
Rybnik
Katowice
Kraków
Tarnów
Rzeszów
POLSKA
POLAND
1435 + 1520 mm
Sambir
Chyrów
Krościenko
Zagórz
Jasło
Gorlice
Stróże
Newag
Limanowa
Nowy Sącz
Krynica
Muszyna
Oświęcim
Kalwaria Zebrzydowska
Bielsko-Biała
Sucha Beskidzka
Rabka
Chabówka
Żywiec
Wisła
Nowy Targ
Beskid Żywiecki
Zakopane
Racibórz
Opava
Bohumín
Ostrava
OKD
CKD Vagonka
MSV Metal Studénka
Studénka
Rožnov
Dstravice
Čadca
V. Karlovice
Makov
Žilina
Trstená
SLOVAKIA
High Tatra
Tatranská Lomnica
Štrbské Pleso
1000 mm
Tatravagónka
Štrba
Poprad-Tatry
Levoča
Spišské Podhradie
Margecany
Plaveč
Bardejov
Medzilaborce
Łupków
Wola Michowa
750 mm
Przyskup
Cisna
Kapušany
Prešov
Humenné
Stakčín
Strážske
Kysak
UKRAINE
Kralovany
Vrútky
ZOS Vrutky
Púchov
Rajec
SLOVENSKO
Lower Tatra
Trenčín
760 mm
Trenčianske Teplice
Nitrianske Pravno
TEN 23
Brezno
Pohronská Polhora
Muráň
Slavošovce
Dobšiná
Rožňava
Medzev
KOŠICE
KSC
Haniska
U.S. Steel Košice
Hidasnémeti
Tatravagónka
Trebišov
Slovenské Nové Mesto
Čierna nad Tisou
Chop
Uzhgorod
Mukachevo
Baťove
Banská Bystrica
Čierny Balog
Tisovec
Utekáč
Nové Mesto nad Váhom
Piešťany
Chynorany
Zvolen
Slovak Ore Mountains
Zlaté Moravce
Banská Štiavnica
Lučenec
Jesenské
Plešivec
Tornanádaska
Rudabánya
Kazincbarcika
Bánréve
Ózd
Mahóca
Gardana
Szilvásvárad
Lillafüred
Miskolc
Szerencs
Sátoraljaújhely
Záhony
Dombrád
Berehove
Vásárosnamény
Balsa
Tiszalök
Sóstó
Nyíregyháza
Nagykálló
Nyírbátor
Mátészalka
Zajta
Csenger
Carei
Nyíradony
Kozárovce
Levice
Veľký Krtíš
Fiľakovo
Salgótarján
Kisterenye
Eger
Drégelypalánk
Šahy
Balassagyarmat
Galanta
BRATISLAVA
Šurany
Nové Zámky
Čata
Štúrovo
Romhány
Gyöngyös
Füzesabony
Tiszapalkonya-Erőmű
TEN 6
Hármashegyalja
Debrecen
Valea Lui Mihai
Săcueni
DEB
Komárno
Komárom
Győr
Gönyű
Esztergom
Vác
Dunakeszi
Bombardier MAV
BUDAPEST
Hatvan
Vámosgyörk
Kál-Kápolna
Tiszafüred
Ohat-Pusztakócs
HUNGARY
Tatabánya
Bokod
Kisbér
Oroszlány
ETCS Lev.
Kelenföld
Tárnok
BUD
PAN IV
TEN 22
MAGYARORSZÁG
Karcag
Püspökladány
Nagykereki
Abram
Popeşti
TFG
Oradea
Biharkeresztes
Extension planned ETCS Lev.
Újszász
Szolnok
Szajol
Cegléd
Dabas
Stadler MAV
Mór
Lovasberény
Veszprémvarsány
Zirc
Székesfehérvár
Szabadbattyán
Pusztaszabolcs
Adony
Lajosmizse
Mezőtúr
Dévaványa
Kisújszállás
Szeghalom
OMR
Dobreşti
Holod
Salonta
Via Terra Spedition
Gyoma
Kötegyán
Veszprém
Bakony
Balatonfűzfő
Balatonfüred
Lepsény
Siófok
Balaton
Zamárdi felső
Double track under construction from 2014
Dunaújváros
Fülöpszállás
Kecskemét
Lakitelek
Városföld
Kunszentmárton
Kisszénás
Murony
Békés
Kondoros
Békéscsaba
Ketegyháza
Cermei
Vaşcău
Clumeghiu
Tapolca
Fonyód
Balatonfenyves
Somogysentpál
Tamási
Rétszilas
760 mm
Kiskunfélegyháza
Szentes
Orosháza
Ineu
RC-CF Trans/ RegioTrans
Kiskőrös
Dunapataj
Kalocsa
Paks
Kiskunhalas
Kiskunmajsa
Hódmezővásárhely
Székkutas (Hódmezővásárhelykutasipuszta)
Lőkösháza
Curtici
Sântana
Pâncota
Mezőhegyes
Battonya
ARW
AstraRail Industries Regio Trans
Ghioroc
Arad
Radna
Zăbrani
Kiskundorozsma
Szeged
Újszeged
Mako
Nădlac
Pecica
1000 mm
Szekszárd
Dombóvár
Kaposvár
Bőhönye
Baja
Bácsalmás
Kelebia
Subotica (Szabadka)
Horgoš
Kanjiža
Cenad
Valcani
Sânnicolau Mare
Nerau
Lovrin
Periam
Godisa
Somogyszob
Komló
Pécsvárad
Bátaszék
Pécs
Mohács
Szentlőrinc
Barcs
Villány
Sellye
Vajszló
Magyarbóly
Beli Manastir (Pélmonostor)
Belišće
Pčelić
Dráva
CROATIA
HRVATSKA
Sombor
SRBIJA
SERBIA
Senta
Čoka
Kikinda
Jimbolia
Carpiniş
Timişoara
TSR
Lugoj
TEN 22
PAN IV
ROMÂNIA
Liebling
Ionel
Jemel
Cruceni
Giera
Voiteni
Berzovia
Caransebeş
Reşiţa
Reşiţa Sud
Sivac
Bečej
Vrbas
Osijek
Bizovac
Novi Sad
Beograd
Oravita
Craiova
45

The Šargan Eight - an international heritage railway

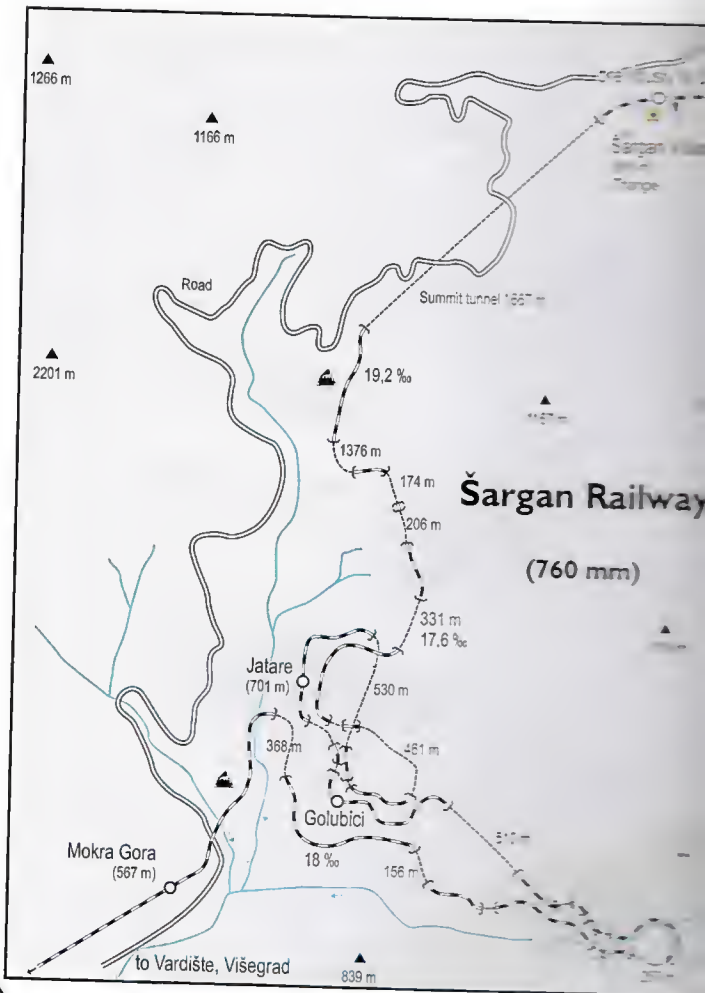
The Šargan Vitasi - Mokra Gora - Višegrad railway line, rebuilt from 1999, was part of the former Dubrovnik - Mostar - Sarajevo - Belgrade narrow gauge railway line in western Serbia. The 57 km-long route was completed only in 1928 and connected the Sarajevo-Vardište Bosnian Eastern Railway, coming from Sarajevo, with Užice (formerly Titovo Užice) in Serbia.

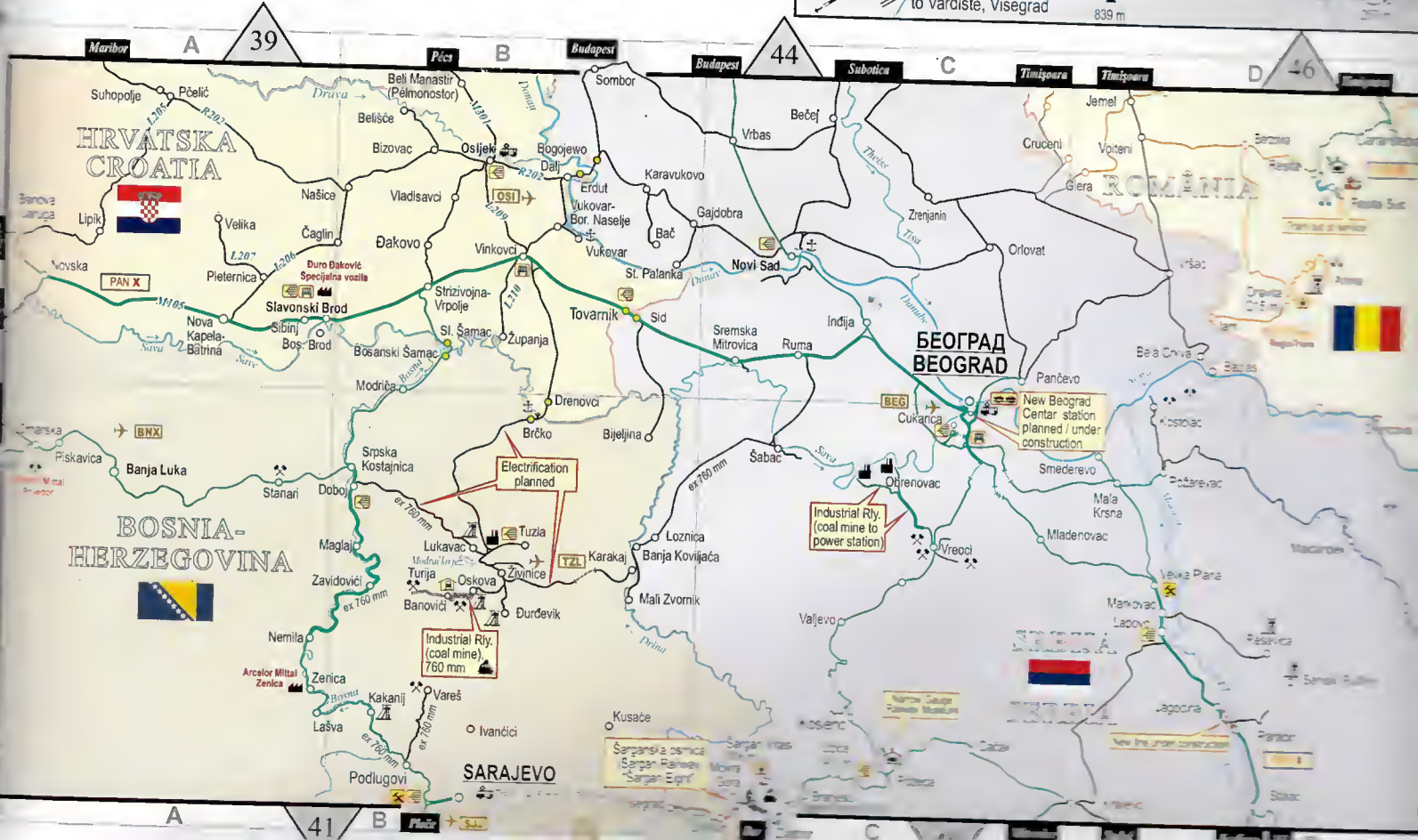
The Kingdom of Serbs, Croats and Slovenes formed at the end of World War I pursued a number of projects to connect the individual narrow-gauge railways in Serbia with each other and with Sarajevo and the Adriatic Sea. The mountain route over Šargan pass was at the heart of long-distance routes in Yugoslavia. In addition to the express trains on the approximately 400 km long route connecting Belgrade to Sarajevo, there were through trains to Dubrovnik with dining and lounge cars as well as goods traffic from the area around Belgrade to the Adriatic.

After World War 2, new lines were built to standard gauge in Yugoslavia, including a faster northern Belgrade-Sarajevo connection. Part of the narrow gauge line at Užice was used for the connection of the new standard gauge line from Belgrade to the Adriatic port of Bar. To the west of Užice, a reservoir was created in the valley, submerging the route of the narrow gauge railway. The narrow gauge railway at the Šargan pass was finally decommissioned and dismantled in 1974.

In 1999 the Serbian Ministry of Tourism proposed the development of tourism in the Tara National Park (founded in 1981), including the rebuilt narrow gauge railway. In 2001, the first section was finished and train service began in 2003. And in 2010 the route was constructed over the border to Višegrad in Bosnia, making it one of the few international heritage railways.

A further extension to Kremna is under construction and there are plans to connect the railway with a new line to the Belgrade-Bar main line.





27
48
Dombrad
Chop
Záhony
Vynohradiv
Teresva
Ivano-Frankivsk
Kraljevo
Niš
Sofia
Trojan
HUNGARY
ROMANIA
SERBIA
БЕОГРАД
BEOGRAD
Transylvania
South Carpathian Mountains
Carpatii Meridionali
Banat Mountains
Serbian Ore Mountains
Stara Planina
Munții Făgăraș
Moldoveanu 2544 m
Vásárosnamény
Balsa
Sóstó
Tiszalök
Nyíregyháza
Mátészalka
Nyírbátor
Nyírbéltek
Nyíradony
Hármashegyalja
Debrecen
Püspökladány
Nagykereki
Biharkeresztes
Szeghalom
Békés
Kötegyán
Békéscsaba
Kétegyháza
Lőkösháza
Battonya
Csenger
Halmeu
Bixad
Satu Mare (126 m)
Botiz
Carei
Ghilvaci
Valea Lui Mihai
Săcueni
Abrami
Popești
Oradea
Cheresig
Episcopia Bihor
Holod
Dobrești
Salonta
Ciumeghiu
Finiș
Vașcău
Cermei
Ineu
Grăniceri
Nădab
Sântana
Pâncota
Curtici
Arad (116 m)
Pecica
Ghioroc
Radna
Zăbrani
Vinga
Timișoara
Lugoj
Buziaș
Liebling
Jebel
Voiteni
Gătaia
Berzovia
Bocșa
Reșița
Reșița Sud
Anina (555 m)
Oravița (215 m)
Vršac
Jamu Mare
Stamora Moravița
Bela Crkva
Pančevo
Kostolac
Požarevac
Mala Krsna
Mladenovac
Velika Plana
Markovac
Lapovo
Jagodina
Paraćin
Resavica
Senjski Rudnik
Majdanpek
Bor
Vražogmac
Zaječar
Prahovo
Bazias
Drencova
Orșova
Drobeta-Turnu Severin
Băile Herculane (170 m)
Caransebeș (160 m)
Armeniș
Teregova
Poarta
Poarta Orientală (485 m)
Oțelu Roșu
Cavaran
Băutari (427 m)
Hațeg (318 m)
Subcetate (297 m)
Banița (733 m)
Petrila
Petroșani (616 m)
Livezeni
Lupeni
Uricani
Târgu Jiu (209 m)
Bârsești
Albeni
Târgu Cărbunești
Rovinari
Motru
Dragotești
Turceni
Strehaia
Filiași
Craiova
Caracal
Piatra Olt
Slatina
Roșiori de Vede
Alexandria
Turnu Măgurele
Corabia
Orjahovo
Calafat
Vidin
Golenți
Poiana Mare
Koshava
Lom
Brusartsi
Medkovets
Jasen
Pleven
Levski
Cherkovitsa
Belene
Deva
Simeria
Simeria Triaj
Hunedoara (380 m)
Margina
Ilia
Brad
Crișcior
Zlatna Tehnica
Abrud
Vințu de Jos
Șibot
Sebeș
Cugir
Teiuș
Blaj
Bărăbanț
Alba Iulia
Mercurea Sibiului
Săliște
Sibiu (408 m)
Ocna Sibiului
Vurpăr
Agnita
Copșa Mică
Mediaș (520 m)
Sighișoara (580 m)
Cața
Mohu
Cornățel
Avrig
Rășinari
Podu Olt
Făgăraș
Victoria
Brașov (Kronstadt)
Râșnov
Zărnești
Predeal (1035 m)
Bușteni
Sinaia (850 m)
Pietroșița
Câmpulung
Curtea de Argeș
Vâlcele
Târgoviște
Fieni
Pitești
Golești
Costești
Râmnicu-Vâlcea (250 m)
Govora
Cluj-Napoca
Poieni
Turda
Războieni
Luduș
Mihesul de Câmpie
Band
Târgu Mureș
Reghin
Lechința
Deda
Lăpușna
Gheorgheni
Eremitu
Sovata
Praid
Siculeni
Miercurea-Ciuc (655 m)
Odorheiu Secuiesc
Băile Tușnad (650 m)
Vânători
Sfântu Gheorghe
Dej (Triaj)
Caseiu
Dej Călători
Jibou
Ileanda
Beclean
Salva
Ilva Mică
Bistrița
Bistrița Bârgăului
Rodna
Sangeorz Bai
Șarmășag
Baia Mare (145 m)
Somcuta Mare
Sighetu Marmației
Ocna Șugatag
Huta (587 m)
Valea Vișeului
Vișeu de Jos
Vișeu de Sus (427 m)
Șetref (818 m)
Poiana Novăț
Borșa
Cataramă
Moldovița
Argel 760 mm
Suceava
Vama
Gura Humorului
Fundu Moldovei
Pojorâta
Vatra Dornei
Floreni
P.Gradinița (900 m)
Domișoara (1044 m)
P.Tihuța (1145 m)
Vaser Valley Rly
Mocănița
CFF Vișeu
CFF Moldovita
Via Terra Spedition
Transferoviar Group, TFG
RC-CF Trans/ Regio Trans
Regio Trans
Astra Vagoane Călători
S.C. Calea Ferata Ingusta
Electroputere
Holcim
Carpatcement (Heidelberg)
Parkbahn Pioneer Rly
TEN 6
DEB
OMR
CLJ
SBZ
TSR
CSB
CRA
BAY
ARW
PAN IV
PAN X
ETCS Lev. 2
construction planned
out of service
out of use 1938
ex 760 mm
1520/1435 mm
760 mm
1909-1978
Industrial Railway, 790 mm
Industrial line, 760 mm
line to be under construction
Iron Gates: 1916-1969, 2,6 km long Sipska Lokomotivska Vucă on Serbian bank submerged 1971
"Danube Bridge 2: New Europe", opened 2013-06-14
New bridge planned
New main station Beograd Centar planned / under construction
New line (2 tracks) under construction
Danube / Dunarea
Dunav
Mureș
Tisza
Olt
Bistrița
Morava
Pek

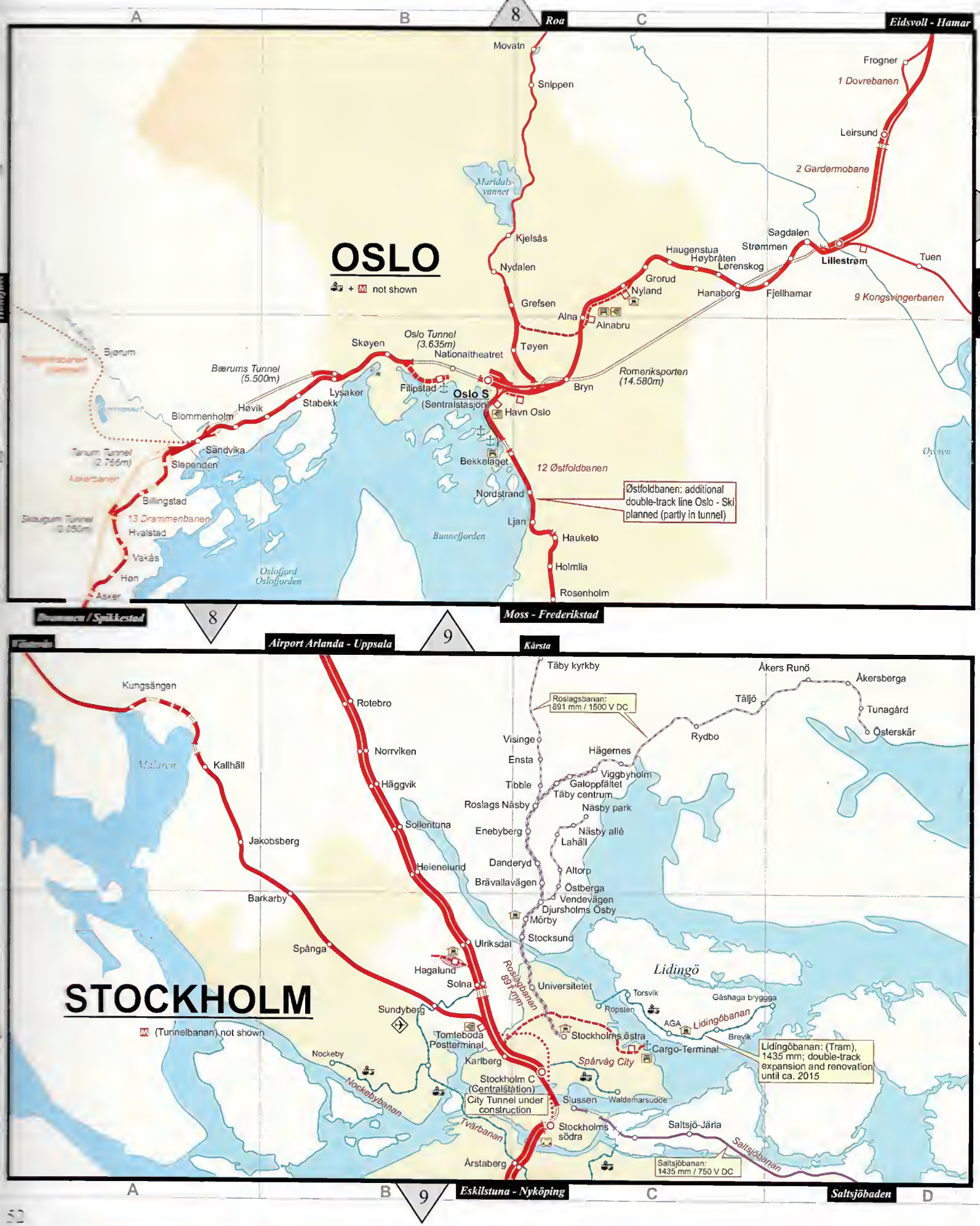
47 below
A
B
C
D
Dorohoi
Kyiv
MOLDOVA
UKRAINE
BULGARIA
Black Sea
Oriental Carpathian Mountains
Danube Delta
Harlau
Pascani
Târgu Frumos
Podu Iloaiei
Letcani
Iaşi
Ungheni
Cristesti Jijia
CHIŞINĂU
KIV
Bender
Tiraspol
Kuchurhan
Rozdil'na
Myhaieve
Chervonoznamianka
Novi Bilar
ОДЕСА
ODESSA
ODS
Illichivsk Paromna
Illichivsk
Ovidiopol
Bilhorod Dnistrovs'kyi
Korotnoye
Căinari
Grajdui
Roman
Piatra Neamț
Buhaeşti
Vaslul
Huşi
Crasna
Abaclia
Basarabeasca
Berezyne
Artsyz
Bacău
BCM
Comăneşti
Oneşti
Târgu Ocna
Borzeşti Bacău
Adjud
Fălciu
Prut
Birlad
Cahul
Bolhrad
Bretcu
Panciu
Mărăşeşti
Tecuci
TFG
Térrét
CFF Covasna
Comandău
Giurgiulesti
Reni
Izmail
Galati
Barbosi
Brăila
Tulcea
Sulina
Rimnicu Sărat
Nehoiaşu
Măneciu
Buzău
Buzău Sud
Baza I.F.F.h.
Făurei
TCE
Babadag
CTF
Ploieşti
Brazi
Buda
GFR
Armaseşti
Urziceni
Snagov Plajă
Giurgeni
Tăndărei
Slobozia
Cernavoda
Capu Midia
CND
Constanța
Medgidia
Feteşti
Ciulnița
OTP
BBU
PAN VII
BUCUREŞTI
Faur
Transferoviar Group TFG
Budeşti
Călăraşi
New bridge planned
1890 "King Carol I Bridge" (single track) and 1987 modern double-track bridge
Braţul Borcea
Balta Ialomiţei
Silistra
Grădiştea
Line out of service since 2005 due to collapse of Argeş Bridge at Grădiştea
Comana
Oltenița
Negru Vodă
Mangalia
Kardam
Baneasa Giurgiu
Daia
Giurgiu Nord
Giurgiu
Giurgiu Sud
"Friendship Bridge"
Ruse
Lokomotiven i vagonnen zavod (LVZ)
ROU
Dulovo
Dobrich
Razgrad
Samuil
Traktsia
Kaspičan
Devnja
VAR
Варна
Varna
Shumen
Targovishte
Gorna
Sofia
46 D
47 A
Luzhany
Černivci
Hlyboka
Vadul-Siret
Siret
Beregomet
Vicşani
Dorneşti
Suceava
Botoşani
Dorohoi
ROMANIA
See page 47

46
50
A
B
C
D
Beograd
Vidin
Lom
Athina
Šarganska osmica
Šargan Railway
"Šargan Eight"
Museum of former narrow gauge Rly.
Šargan Vitasi
Užice (415 m)
Čačak
Požega (325 m)
Extension to Branešci planned 760 mm
Branešci
Zlatibor
Jablanica
Priboj 390 m
Bistrica
Prijepolje (440 m)
Lučica
Vrbnica
Bijelo Polje
Mojkovac-Tunnel 3243 m
Mojkovac
Kolašin
Kos
Ostrovica-Tunnel 3827 m
Trebešica-Tunnel 5122 m
Mala Rijeka bridge 198 m high, one of the highest railway bridges of the world
Bioča
ПОДГОРИЦА
PODGORICA (ex Titograd) (51 m)
Bajza
Shkodër
SERBIA
SRBIJA
MONTENEGRO
Paraćin
new line under construction
Kraljevo
Krusevac
Đunis
PAN X
Niš
Ниш
Doljevac
Prokuplje
Kuršumlija
Leskovac
Morava
Merdare
Besianë/Podujevo
currently no traffic
Bardhosh
Rudnica
Lešak
Zvečan
Mitrovica Sever
Mitrovica / Mitrovicë
Obilić
Prishtinë
Fushë Kosovë / Kosovo Polje
Bardh
Gračanica
Pejë/Peć
Klinë
Magurë
PRN
KOSOVË
KOSOVO
line out of use, partially demolished
Xërxë
Prizren
Hani i Elizit / Deneral Janković
Kumanovo
Bujanovac
Preševo
Tabanovce
Volkovo
Skopje Sever
Ilinden
СКОПЈЕ
SKOPJE
Depo Lisiče
Trubarevo
SKP
PAN X
Jegunovce
Tetovo
Raduša
Gostivar
PAN VIII
Padalište
Tajmište
Zajas
Kičevo
Bogomila
Veles
Vardar
Štip
Kočani
Beljakovci
Deve Bair
Kriva Palanka
Gjueshevo
line under construction since 1956
MACEDONIA (F.Y.R.O.M.)
Gradsko
Negotino
Šivec
Strumica
Prilep
Crna
no train service
Sopotnica
Bakarno Gumno
ex 600 mm
Bitola
no train service before 2016
Kremenica
Gevgelija
Idomeni
PAN X
Polikastro
Axios
new line Kičevo - Albania planned
planned
Rubik
Rrëshen
Lezhë
Milot
Fushë-Krujë
TIA
Vorë
TIRANË
Durrës
new main station under construction
Librazhd
Prenjas
Ohridsko Ezero
Rrogozhinë
Elbasan
Shkumbin
Pogradec
Prespansko Ezero
Korçë
ALBANIA
Fier
Ballsh
Vlorë
Adriatic Sea
Ionian Sea
Kerkyra
EPIRUS
Florina
Amissa
Édessa
Agras
Skidra
Petreas
Panteleimon
Amynteo
Náusa
Veroia
Alexandreia
Platy
Ptolemaida
Kómanos
Drépano
Kozáni
GREECE
THESSALY
Katerini
TEN 22
Litochoro
Olympus Mountain 2817 m
Neo Poroi
Pinios
Evangelismos
Λάρισα
Larissa
LRA
Kalambaka
ex 1000 mm
Trikala
Karditsa
Paleofarsalos
Velestino
Heritage service planned by Etaireia Mouseiakon Sidirodromon (EMOS), Athens
EMOS
Βόλος
Volos
VOL
600 mm
Milies
Ano Lechonia
out of service
1000 mm
→ Limnos
ΘΕΣΣΑΛΟΝΙΚΗ
THESSALONIKI
SKG
→ Athina
Metro under construction
Axios
Gefyra
Aiginio
Kilkis
Kalindria
Doirani
Serres
Strymonas
TEN 22
Neo Petritsi
Promachonas
Kulata
General Todorov
Petrič
Struma Railway ex 600 mm
Simitli
Krupnik
Blagoevgrad
Kočerinovo
Dupnica
Highest station of the Balkan Mountains: 1267 m above sea level
19-30 ‰
Rila
Rhodope Railway 760 mm
Avramovo
Jakoruda
Belica
General Kovačev
Razlog
Bansko
Dobrinište
Pirin
Kjustendil
Bobov Dol
TEN 22
ex 600 mm
Radomir
Pernik
Bankja
Rasnik
СОФИЯ
SOFIA
SOF
Chukurovo
Vakarel
PAN VIII
Beli Breg
Dimitrovgrad
Kalotina
TEN 22
PAN IV
Stanjantsi
Berkovitsa
Stara Planina
Balkan Mountains
Brusartsi
Medkovets
TEN 22
PAN IV
Boychinovtsi
Cherven Brjag
Vratsa
Mezdra
Zlatna Panega

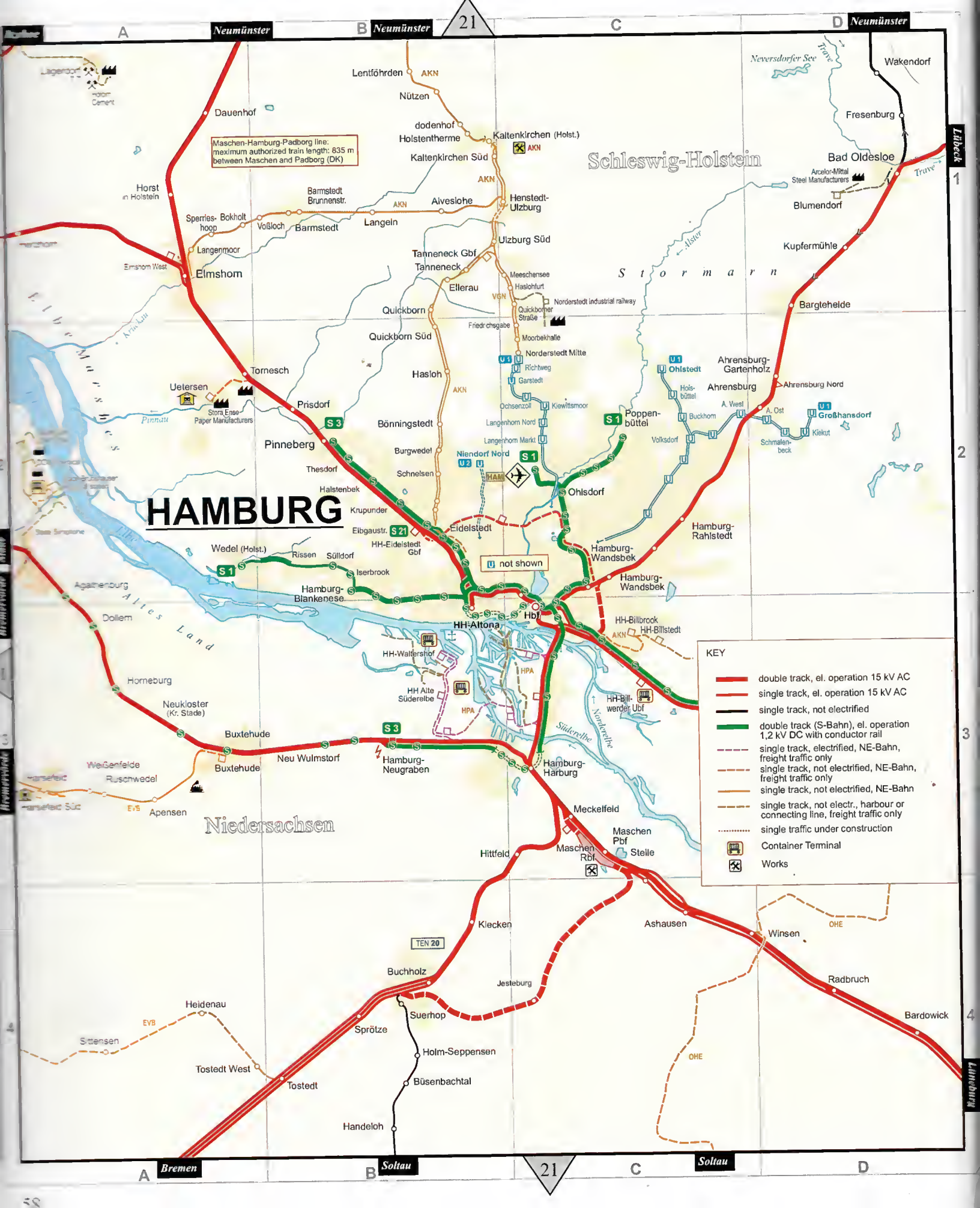

Cherkovitsa
Oresh
Bukureşti
Ruse
Kaspichan
Constanţa
A
B
C
D
Shumen
Targovishte
Devnja
Sindel
Junak
VAR
Варна
Varna
Pleven
Levski
GOZ
Gorna
Oryahovitsa
Lovech
Elena
BULGARIA
Komunari
Lozarevo
PAN VIII
Trojan
Gabrovo
Sliven
Karnobat
Lake
Atanasovsko
TRANSWAGON
Lake
Burgas
BOJ
Pomorie
Бургас
Burgas
Black
Sea
Zimnitsa
Kermen
Jambol
Karlovo
Klissura
Dabovo
Tulovo
Nova Zagora
Hisarja
Stara Zagora
Elhovo
Mihajlovo
PAN VIII
PAN IV
Dimitrovgrad
Simeonovgrad
Пловдив
Plovdiv
PDV
Asenovgrad
Pioneer Railway
600 mm
Peshtera
Svilengrad
Kapitan Andreewo
Kapıkule
Ormenio
Dikaia
Edirne
PAN IV
TURKEY
Orestiada
Rhodope Mountains
Kardzhali
Pythio
Uzunköprü
Pelhivanköy
Muratlı
Çorlu
Podkova
Komotini
Xanthi
Feres
Potamos
AXD
Alexandroupoli
Kavala
KVA
new line to the port of
Kavala planned
Sea of Marmara
Marmara
Thasos
Samothraki
TURKEY
Gökçeada
Limnos
Aegean
Sea


A
B
C
D
Skopje
Krogochinë
Florina
Amynteo
Ptolemaida
Kómanos
Drépano
Kozáni
Veroia
Kolindros
Axios
Platy
PAN X
SKG
Metro under construction
ΘΕΣΣΑΛΟΝΙΚΗ
THESSALONIKI
→ Athina
TEN 22
Chalkidik
Katerini
Litochoro
→ Limnos
Olympus Mountain 2917 m
Neo Poroi
Pinios
Evangelismos
Λάρισα
Lárissa
LRA
ex 1000 mm
Kalambaka
Trikala
Velestino
VOL
Βόλος
Volos
Milies
600 mm
Ano Lechonia
out of service
EMOS
1000 mm
Heritage service planned by Etaireia Mousseakon Sidinodromon (EMOS), Athens
Karditsa
ex 1000 mm
Paleofarsalo
Domokos
Othrys
planned / under construction
Othrys Line
Stylida
Lianokládi
Lamia
Sperchios
Gorgopotamos
Mt. Oiti 2152 m
Kallidromo
Bralos
Kallidromo-Tunnel, 9200 m long (2 bores), under construction since 1997, breakthrough in 2013, in service ca. 2017
Parnassos Line
Tithoréa
Amfiklia
Parnassos
Electrification under construction, conductor cable partially stolen
Levadiá
TEN 22
Agrinion
AGQ
out of service
1000 mm
Messolongi
Krionenon
Antirio
Rio
Patras
Patra-Suburban Railway
Ag. Andreas
Eghio
new construction planned
Diakopto
1000 mm
Zachlorou (Mega Spileo)
750 mm
new construction in 1435 mm underway
Kiato
Loutraki
Ag. Theodori
Isthmos
Korinthos
→ Igoumenitsa
→ Korkyra
→ Bari
→ Brindisi
→ Ancona
→ Venezia
GPA
Achaia
1000 mm
Varda
out of service
Lechena
Killini
Kavassila
Amallada
Pirgos
Olimpia
1000 mm
Katakolo
Zacharo
out of service
Kalavrita
out of service
Mikine
Argos
1000 mm
Nafplio
Mili
Tripoli
Achladokampos
Megalopolis
out of service
Lefktro
Kopanaki
Kalonero
Kiparissia
Zevgolatio
Skala
out of service
Asprochoma
KLX
Kalamata
Messini
Corfu
CFU
Kerkyra
Igoumenitsa
IOA
EPIRUS
THESSALY
GREECE
ALBANIA
Fier
Ballsh
Vlorë
Kefallonia
Zakynthos
Ionian Sea


TURKEY
Gökçeada
Limnos
Aegean
Sea
Lesvos
Skyros
Chios
Evia
Balikesir
Aliağa
Manisa
Menemen
Alsancak
Basmane
IZMIR
ADB
Tram network under construction, in service 201*
Cumaovası
Torbalı
Ödemiş
Tire
Ortaklar
Söke
Samos
Ikaria
Andros
Tinos
Mykonos
Paros
Naxos
Kalymnos
Kos
Amorgós
Ios
Thira
Milos
Karpathos
Kythira
Egina
Chalkida
Inoi
Inoi - Afidnon in service ca September 2014
Afidnon
Pedio
SKA
Plakentias
Athina
Lanssa
Airport
ATH
Koropi
Pireas
→ Andros
→ Tinos
→ Mykonos
ΑΘΙΝΑ
ATHINA
SKA = Sidirodromiko Kentro Acharne
→ Cyclades
→ Kriti
→ Cyprus

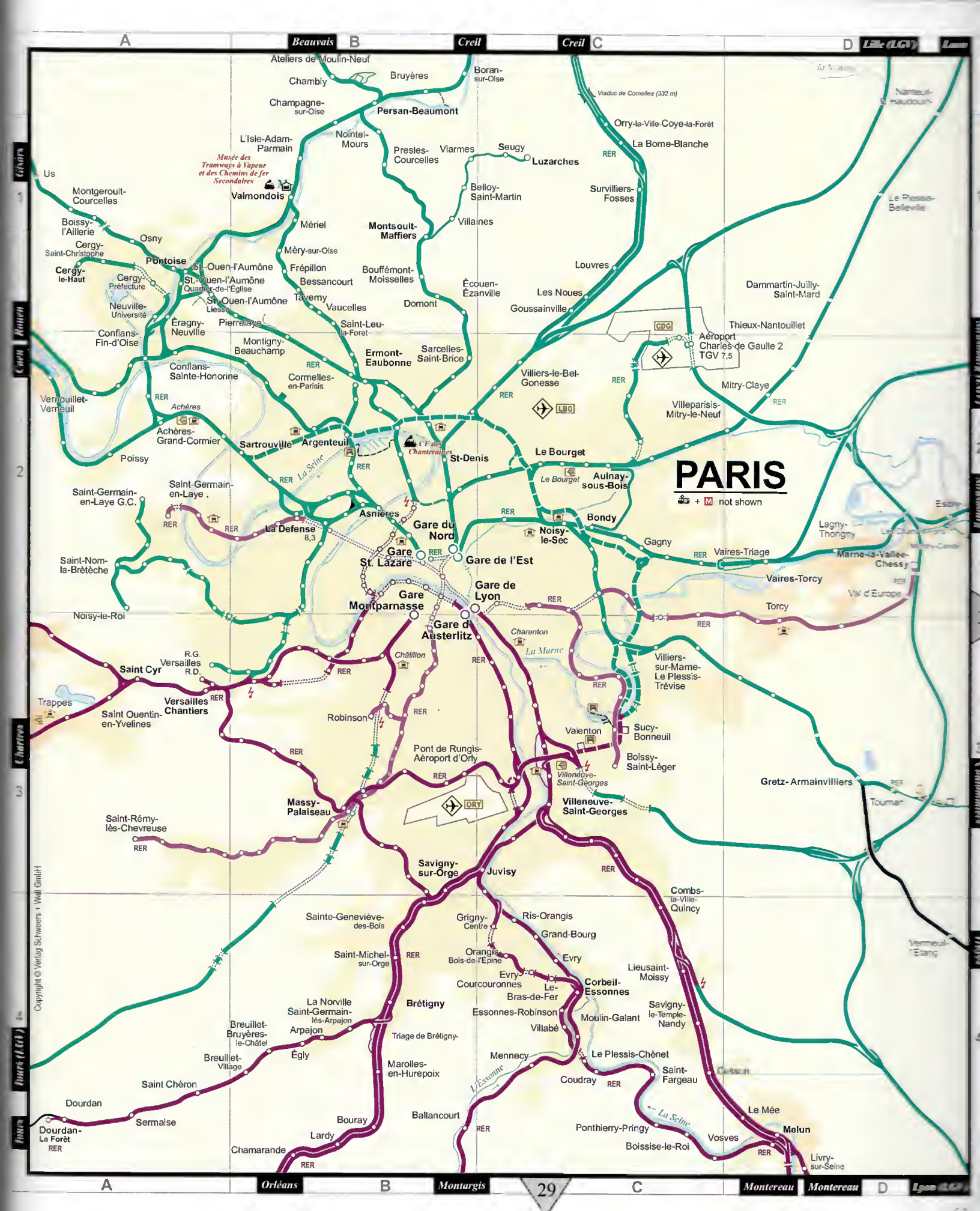

A
B
C
8
Roa
Eidsvoll - Hamar
Movatn
Snippen
Frogner
1 Dovrebanen
Leirsund
2 Gardermobanen
Maridalsvannet
Kjelsås
Nydalen
Grefsen
Alna
Alnabru
Haugenstua
Strømmen
Sagdalen
Lillestrøm
Tuen
Høybråten
Lørenskog
Grorud
Nyland
Hanaborg
Fjellhamar
9 Kongsvingerbanen
Kongsvinger
OSLO
+ M not shown
Skøyen
Oslo Tunnel (3.635m)
Nationaltheatret
Tøyen
Bærums Tunnel (5.500m)
Filipstad
Oslo S (Sentralstasjon)
Havn Oslo
Bryn
Romeriksporten (14.580m)
Lysaker
Stabekk
Høvik
Blommenholm
Bjørum
Sandvika
Sløpenden
Tanum Tunnel (2.766m)
Bekkelaget
12 Østfoldbanen
Nordstrand
Østfoldbanen: additional double-track line Oslo - Ski planned (partly in tunnel)
Billingstad
13 Drammenbanen
Hvalstad
Ljan
Bunnefjorden
Hauketo
Holmlia
Vakås
Hen
Asker
Oslofjord
Oslofjorden
Øyeren
Drammen / Spikkestad
Moss - Frederikstad
1
2
8
9
Airport Arlanda - Uppsala
Kårsta
Kungsängen
Mälaren
Kallhäll
Jakobsberg
Barkarby
Spånga
Rotebro
Norrviken
Häggvik
Sollentuna
Helenelund
Hagalund
Solna
Ulriksdal
Sundyberg
Nockeby
Nockebybanan
Tomteboda Postterminal
Karlberg
Stockholm C (Centralstation)
City Tunnel under construction
Årstaberg
Tvärbanan
Stockholms södra
Slussen
Waldemarsudde
Stockholms östra
Cargo-Terminal
Spårväg City
Roslagsbanan 891 mm
Universitetet
Stocksund
Mörby
Djursholms Ösby
Vendevägen
Östberga
Brävallavägen
Altorp
Danderyd
Lahäll
Näsby allé
Enebyberg
Näsby park
Roslags Näsby
Täby centrum
Galoppfältet
Viggbyholm
Tibble
Ensta
Visinge
Hägernes
Roslagsbanan: 891 mm / 1500 V DC
Täby kyrkby
Rydbo
Täljö
Åkers Runö
Åkersberga
Tunagård
Österskär
Lidingö
Torsvik
Ropsten
Gåshaga brygga
AGA
Lidingöbanan
Brevik
Lidingöbanan: (Tram), 1435 mm; double-track expansion and renovation until ca. 2015
Saltsjö-Järla
Saltsjöbanan
Saltsjöbanan: 1435 mm / 750 V DC
STOCKHOLM
M (Tunnelbanan) not shown
Eskilstuna - Nyköping
Saltsjöbaden
3
4


A
B
11
C
D
Helsingør
Helsingborg
Helsingborg
Hillerød - Gilleleje
Farum
Frederikssund
Roskilde
Køge
3
4
Rungsted Kyst
Sjælsø
Høvelte
Birkerød
Vedbæk
Skodsborg
Nærum
(Nærumbanen)
Furesø
Holte
Ravnholm
Ørholm
Virum
Brede
Lyngby sø
Fuglevad
Sorgenfri
Lyngby Lokal
Nørgaardsvej
Depot
Hareskov
Skovbrynet
Lyngby
Klampenberg
Jægersborg
Ordrup
Bagsværd
Stengården
Gentofte
Charlottenlund
Buddinge
Kildebakke
Vangede
Bernstorffsvej
Niva Bugt
Dyssegård
Hellerup
Malmparken
Skovlunde
Herlev
Emdrup
Ryparken
Svanemøllen
Husum
Nordhavn
Islev
Nørrebro
B.
Østerport
Jyllingevej
Vanløse
F.
G.
Fu.
Frederiksberg
Nørreport
K.
KB H.
L.
P.
Solbjerg
F.
A.
Hvidovre
København H
Brøndbyøster
La.
Dybbelsbro
Enghave
A.
I.B.
Lergravsparken
Rødovre
Vigersley Allé
Valby
Øresund
Glostrup
Ny Ellebjerg
Sydhavn
DR Byen
Amager Strand
Sjælør
Femøren
Amarken
Sundby
Kastrup
Bella Center
Tårby
Friheden
Vallensbæk
Ørestad
Lufthavnen
Avedøre
Vestamager
Depot
Brøndby Strand
Copenhagen-Kastrup
København Lufthavn
Øresund
Saltholm
(Denmark)
Drogden Tunnel
(3,510m, road and rail)
COPENHAGEN
KØBENHAVN
Peberholm
S: Papperholm
(4.055m)
Malmö
Malmö C
Malmö Triangeln
Citytunnel
Citytunneln
Malmö Hyllie
Malmö Syd
Svågertorp
Øresund Bridge
S: Öresundsbron
DK: Øresundsbroen
(7,845m)
Landskrona
Billeberga
Häljarp
Västkustbanan
Østersøen
Baltic Sea

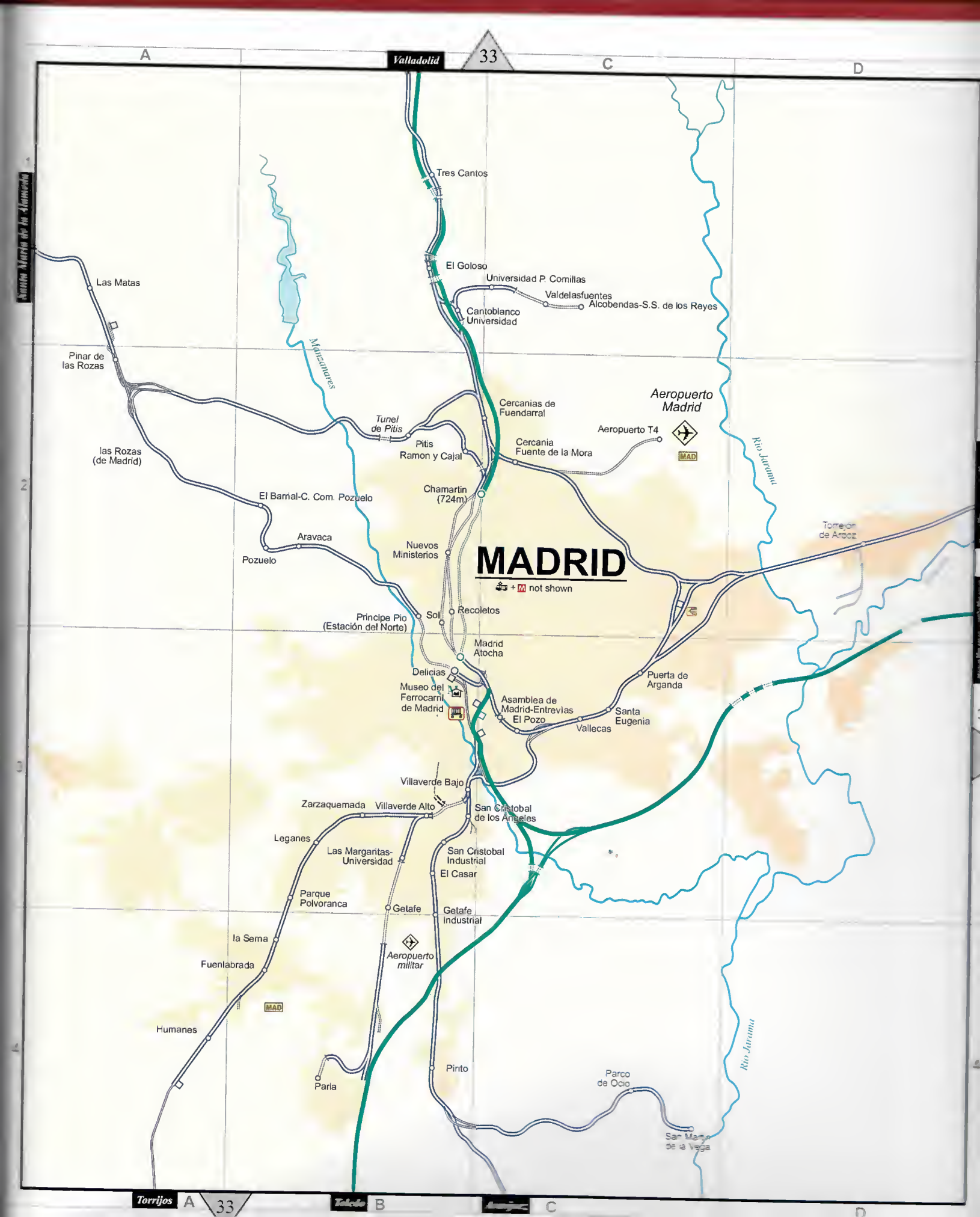

Neumünster
Neumünster
Neumünster
21
A
B
C
D
Lübeck
1
2
3
4
Lüneburg
Bremen
Soltau
Soltau
Lagerdorf
Holcim Cement
Dauenhof
Lentföhrden
AKN
Nützen
dodenhof
Holstentherme
Kaltenkirchen (Holst.)
AKN
Kaltenkirchen Süd
Maschen-Hamburg-Padborg line: maximum authorized train length: 835 m between Maschen and Padborg (DK)
Schleswig-Holstein
Neversdorfer See
Trave
Wakendorf
Fresenburg
Bad Oldesloe
Arcelor-Mittal Steel Manufacturers
Blumendorf
Trave
Horst in Holstein
Barmstedt Brunnenstr.
AKN
Aiveslohe
Henstedt-Ulzburg
AKN
Sperries-hoop
Bokholt
Voßloch
Barmstedt
Langeln
Ulzburg Süd
Langenmoor
Elmshorn West
Elmshorn
Tanneneck Gbf
Tanneneck
Ellerau
Meeschensee
Haslohfurt
VGN
Norderstedt industrial railway
Quickborner Straße
Quickborn
Friedrichsgabe
Moorbekhalle
Quickborn Süd
Norderstedt Mitte
U1
Richtweg
Garstedt
Hasloh
AKN
Ochsenzoll
Kiewittsmoor
Langenhorn Nord
Langenhorn Markt
Niendorf Nord
U2
U1
HAM
S1
Ohlsdorf
Kupfermühle
Alster
Stormarn
Bargtehelde
U1
Ohlstedt
Ahrensburg-Gartenholz
Hois-büttel
Ahrensburg
Ahrensburg Nord
A. West
A. Ost
U1
Großhansdorf
Kiekut
Schmalen-beck
Poppen-büttel
S1
Buckhorn
Volksdorf
Tornesch
Uetersen
Stora Enso Paper Manufacturers
Prisdorf
S3
Pinneberg
Bönningstedt
Burgwedel
Thesdorf
Schnelsen
Halstenbek
Krupunder
Elbgaustr.
S21
HH-Eidelstedt Gbf
Eidelstedt
HAMBURG
Wedel (Holst.)
Rissen
Sülldorf
Iserbrook
S1
Hamburg-Blankenese
Agathenburg
Alles Land
Dollern
Hbf
HH-Altona
HH-Waltershof
HH Alte Süderelbe
HPA
HPA
Hamburg-Wandsbek
Hamburg-Rahlstedt
Hamburg-Wandsbek
U not shown
HH-Billbrook
HH-Billstedt
AKN
HH-Bill-werder Ubf
Süderelbe
Norderelbe
Horneburg
Neukloster (Kr. Stade)
Buxtehude
S3
Buxtehude
Neu Wulmstorf
Hamburg-Neugraben
Hamburg-Harburg
Weißenfelde
Ruschwedel
Hanstedt
Hanstedt Süd
EVB
Apensen
Niedersachsen
Meckelfeld
Maschen Pbf
Maschen Rbf
Stelle
Hittfeld
Klecken
TEN 20
Ashausen
OHE
Winsen
Radbruch
Bardowick
Buchholz
Jesteburg
Suerhop
Sprötze
Holm-Seppensen
Büsenbachtal
Handeloh
Heidenau
EVB
Sittensen
Tostedt West
Tostedt
OHE
KEY
double track, el. operation 15 kV AC
single track, el. operation 15 kV AC
single track, not electrified
double track (S-Bahn), el. operation 1,2 kV DC with conductor rail
single track, electrified, NE-Bahn, freight traffic only
single track, not electrified, NE-Bahn, freight traffic only
single track, not electrified, NE-Bahn
single track, not electr., harbour or connecting line, freight traffic only
single traffic under construction
Container Terminal
Works


Rheinsberg
Neustrelitz
Templin
21
A
B
C
D
Grieben (b. Gransee)
Herzberg (Mark) (49 m)
Löwenberg (Mark) (64 m)
Grüneberg
Groß Schönebeck (Schorfheide) (56 m)
Klandorf
Oder-Havel-Kanal
Ruhlsdorf-Zerpenschleuse (40 m)
Eberswalde
Bützsee
Kremmener Rhin
Alter Rhin
Ruppiner Kanal
Nassenheide (38 m)
Beetz-Sommerfeld
Lottschesee
Klosterfelde (50 m)
Schmachten-hagen
Zehlendorf (Kr. Oranienburg)
Sachsenhausen (Nordbahn)
Oranienburg
Wensickendorf
Wandlitzsee
Biesenthal (60 m)
Wandlitz
Kremmen (45 m)
Lehnitz
Zühlsdorf
Basdorf (61 m)
Rüdnitz 28,2
Schwante
Vehlefanz
Borgsdorf
Brandenburg
Bärenklau
Velten (Mark)
Birkenwerder (b. Berlin)
Bernau (b. Berlin) (67 m)
Schönwalde (Bamim)
Zepernick (b. Bernau)
Berliner Außenring
Bernau-Friedenstal
Schönerlinde
Röntgental
Hennigsdorf (b. Berlin)
Frohnau
Berlin-Buch
Seefeld (Mark)
Schönwalde (Kr. Nauen)
Nauen (33 m)
Berlin-Karow
Karower Kreuz
Oder-Havel-Kanal
BERLIN
Brieselang
Falkenhagen (b. Nauen)
+ U not shown
Tegel
Wartenberg
Ahrensfelde
Finkenkrug
Falkensee
Seegefeld
Schönholz
Pankow
Hohen-schönhausen
Gesundbrunnen
Berlin-Spandau
Wustermark
Jungfernheide
Hbf
Lichten-berg
Wustermark Rbf
Dallgow-Döberitz
B-Staaken
Berlin-Staaken
Westend
Priort
Zoo
Ostbf
Ostkreuz
Bies-dorfer Kreuz
Westkreuz
Charlotten-burg
Grunewald
Südkreuz
Satzkom
Berlin
Marquardt
Havel
Neukölln
B-Schönewalde
Nikolassee
B-Wannsee
Grünauer Kreuz
Marienfelde
B-Grünau
Golm
P. Park Sanssouci
P-Griebnitzsee
Teltow Stadt
Lichter-felde Süd
Flughafen B-Schönefeld
Lichtenrade
Werder (Havel)
Potsdam Hbf
P-Pirschheide
Potsdam-Medienstadt Babelsberg
Teltow
Mahlow
Eichwalde
Potsdam-Rehbrücke
Großbeeren
Berliner Außenring
Flughafen Berlin-Brandenburg
Caputh-Geltow
Caputh Schwielowsee
Schwielowsee
Genshagener Heide
Diedersdorf
Blankenfelde
Zeuthen
Struveshof
Saarmund
Birkengrund Süd
Ferch-Lienewitz
Michendorf
Ludwigsfelde
Rangsdorf
Königs Wusterhausen
Seddin
Belzig
Jüterbog

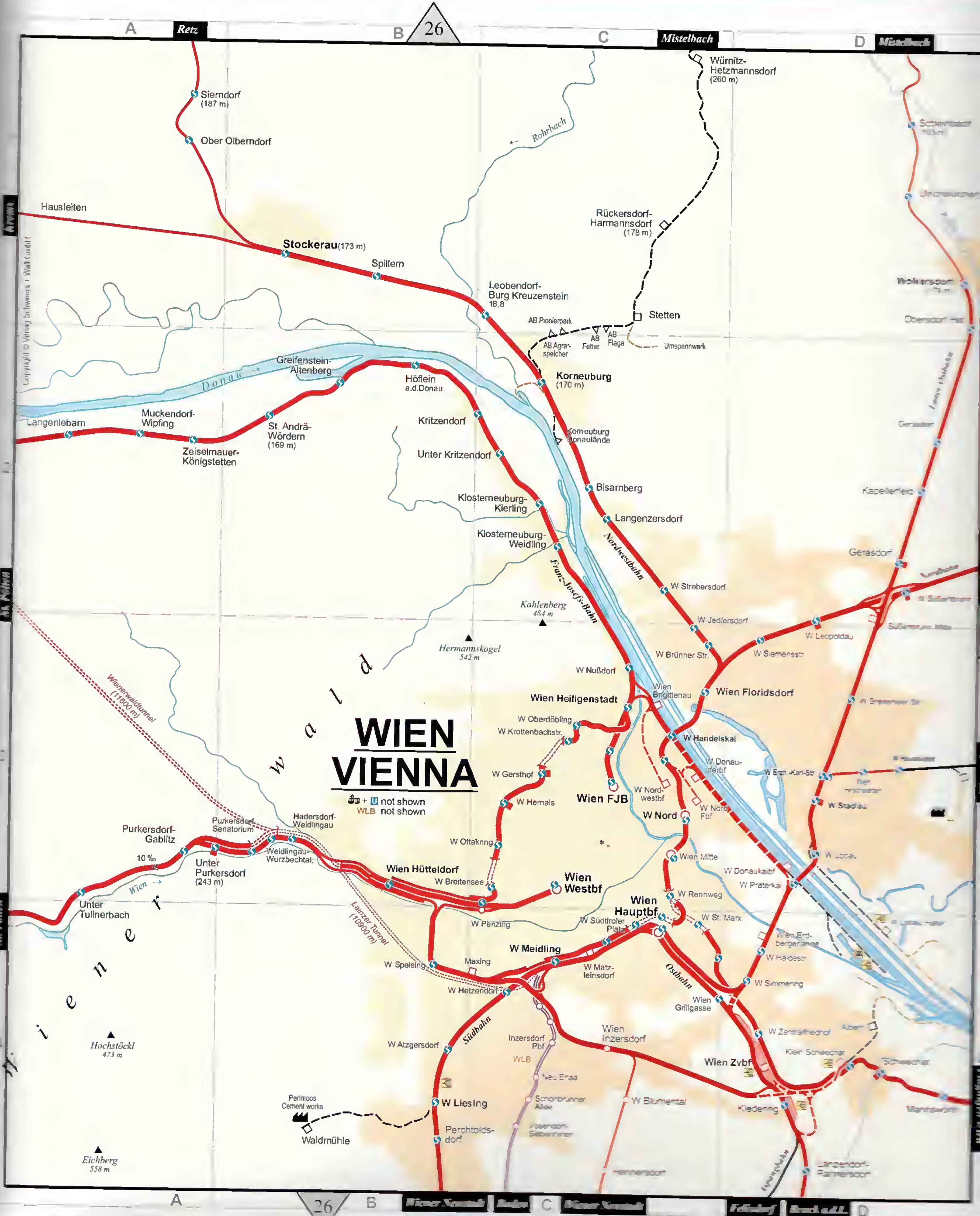

A
29
Puurs
B
Sint-Niklaas
C
Antwerpen / Anvers
D
Willebroek
Schelde
Dendermonde
Sint-Gillis
Baasrode-Zuid
Malderen
Buggenhout
Kapelle-op-den-Bos
Londerzeel
Mechelen-Nekkerspoel
Mechelen
Muizen
Hever
Hofstade
Boortmeerbeek
Haacht
Wespelaer-Tildonk
Leuven
Oudegem
Lebbeke
Heizijde
Opwijk
Merchtem
Mollem
Brussels-Charleroi Channel
Weerde
Eppegem
Zenne
Vilvoorde
Buda
Machelen
Bruxelles National Aéroport
Brussel Nationaal Luchthaven
BRU
Veltem
Diegem
Erps-Kwerps
Kortenberg
Cortenbergh
Zaventem
Nossegem
Erembodegem
Asse
Zellik
Schaarbeek Vormation
Schaarbeek Formation
Denderleeuw
Essene-Lombeek
Jette
Bockstael
H. Sud / Zuid
Haren
Sint-Agatha-Berchem
Berchem-Sainte-Agathe
Bordet
Schaarbeek / Schaerbeek
Ternat
Sint-Martens-Bodegem
Dilbeek
Groot-Bijgaarden
Simonis
Evere
Bruxelles Nord
B. Noord
Gare de l'Ouest
Meiser
Schepdal
(under construction)
BRUXELLES-CENTRAL
Br.-Schuman
Br.-Mérode
BRUXELLES-MIDI
Bruxelles
Chapelle
Br.-Luxembourg
Sint-Anna-Pede Kerk
(under construction)
Etterbeek
Delta
BRUSSELS
BRUSSEL
BRUXELLES
+ M not shown
Forest-Midi
Vorst-Zuid
Forest-Est
Watermael
Boondæl / Boondaal
Uccle-Stalle
Uccle
Ukkel
Uccle-
Calevoet
Vivier d'Oie
Diesdelle
Boitsfort / Bosvoorde
Saint-Job / Sint-Job
Ruisbroek
Moensberg
Linkebeek
Holleken
Groenendaal
Hoeilaart
Brussels-Charleroi Channel
Lot
Beersel
Buizingen
Huizingen
Rhode Saint-Genèse
Sint-Genesius-Rode
De Hoek
La Hulpe
Halle
Hal
Genval
Basse-Wavre
Wavre
Lembeek
3 kV DC
25 kV AC 50Hz
Waterloo
Rixensart
Bierges-Walibi
Tubize
Profondsart
Limal
Braine-l'Alleud
Louvain-la-
Neuve-Université
Clabecq
Ottignies
Quenast
Rail Rebecq Rognon
(800 mm 4 km)
Céroux-Mousty
Rebecq
Rognon
Hennuyéres
Court-Saint-Étienne
Lillois
Mont-Saint-
Guibert
Faux
Blanmont
Mons - Hautmont (F)
Charleroi Sud
Namur
60


A
Beauvais
B
Creil
Creil
C
D
Lille (LGV)
Ateliers de Moulin-Neuf
Chambly
Bruyères
Boran-sur-Oise
Champagne-sur-Oise
Persan-Beaumont
Viaduc de Cormelles (332 m)
Orry-la-Ville-Coye-la-Forêt
La Borne-Blanche
L'Isle-Adam-Parmain
Nointel-Mours
Presles-Courcelles
Viarmes
Seugy
Luzarches
Musée des Tramways à Vapeur et des Chemins de fer Secondaires
Valmondois
Us
Montgeroult-Courcelles
Belloy-Saint-Martin
Survilliers-Fosses
Boissy-l'Aillerie
Mériel
Montsoult-Maffiers
Villaines
Osny
Cergy-Saint-Christophe
Méry-sur-Oise
Pontoise
Cergy-le-Haut
St-Ouen-l'Aumône
Frépillon
Bessancourt
Bouffémont-Moisselles
Louvres
Cergy-Préfecture
St-Ouen-l'Aumône Quartier-de-l'Église
Tavernay
Écouen-Ézanville
Les Noues
Dammartin-Juilly-Saint-Mard
Neuville-Université
St-Ouen-l'Aumône Liesse
Vaucelles
Domont
Goussainville
Éragny-Neuville
Pierrelaye
Saint-Leu-la-Forêt
Thieux-Nantouillet
CDG
Aéroport Charles-de-Gaulle 2 TGV 7,5
Confians-Fin-d'Oise
Montigny-Beauchamp
Ermont-Eaubonne
Sarcelles-Saint-Brice
Villiers-le-Bel-Gonesse
Conflans-Sainte-Honorine
Cormeles-en-Parisis
Mitry-Claye
Achères
Villeparisis-Mitry-le-Neuf
Achères-Grand-Cormier
Sartrouville
Argenteuil
CF des Chanteraines
St-Denis
Le Bourget
Poissy
La Seine
Aulnay-sous-Bois
PARIS
+ M not shown
Saint-Germain-en-Laye G.C.
Saint-Germain-en-Laye
Asnières
Bondy
La Défense 8,3
Gare du Nord
Noisy-le-Sec
Lagny-Thorigny
Gagny
Saint-Nom-la-Brètèche
Gare St. Lazare
Gare de l'Est
Vaires-Triage
Marne-la-Vallée-Chessy
Vaires-Torcy
Gare Montparnasse
Gare de Lyon
Val d'Europe
Noisy-le-Roi
Gare d'Austerlitz
Torcy
Charenton
La Marne
Châtillon
Villiers-sur-Marne-Le Plessis-Trévise
R.G.
Versailles R.D.
Saint Cyr
Trappes
Versailles Chantiers
Saint Quentin-en-Yvelines
Robinson
Valenton
Sucy-Bonneuil
Pont de Rungis-Aéroport d'Orly
Boissy-Saint-Léger
Villeneuve-Saint-Georges
Gretz-Armainvilliers
Massy-Palaiseau
ORY
Villeneuve-Saint-Georges
Saint-Rémy-lès-Chevreuse
Savigny-sur-Orge
Juvisy
Combs-la-Ville-Quincy
Sainte-Geneviève-des-Bois
Grigny-Centre
Ris-Orangis
Grand-Bourg
Saint-Michel-sur-Orge
Orangis-Bois-de-l'Épine
Evry
Lieusaint-Moissy
Evry-Courcouronnes
Le-Bras-de-Fer
Corbeil-Essonnes
La Norville Saint-Germain-lès-Arpajon
Brétigny
Essonnes-Robinson
Savigny-le-Temple-Nandy
Moulin-Galant
Villabé
Breuillet-Bruyères-le-Châtel
Arpajon
Triage de Brétigny
Égly
Mennecy
Le Plessis-Chênet
Breuillet-Village
Marolles-en-Hurepoix
Saint-Fargeau
Coudray
Saint Chèron
Dourdan
Ballancourt
Le Mée
Sermaise
Bouray
Ponthierry-Pringy
Melun
Dourdan-La Forêt
Lardy
Vosves
Boissise-le-Roi
Chamarande
Livry-sur-Seine
Orléans
B
Montargis
C
Montereau
Montereau
D
Lyon (LGV)
29
Copyright © Verlag Schweers + Wall GmbH


Avignon
A
B
31
Veynes
C
D
1
2
3
4
Aix-en-Provence
Aix les Milles
Rognac
Bassin du Réaltor
TGV Aix-en-Provence
Vitrolles Marseille Airport
Marseille MRS
Marignane
Pas des Lanciers
Gardanne
Les Tilleuls
Les Perroquets
Septème-les-Vallons
Saint Antoine
Sainte Marthe
La Redonne-Ensues
Marseille-St. Charles
Marseille-Blancarde
Saint-Marcel
La Penne-sur-Huveaune
Aubagne
Cassis
La Ciotat
Baie du Grand-Soufre
MARSEILLE
+M not shown
MER
MÉDITERRANÉE
Baie de Cassis
Baie de la Ciotat
Saint-Maximin-la-Sainte-Baume
Toulon - Nice

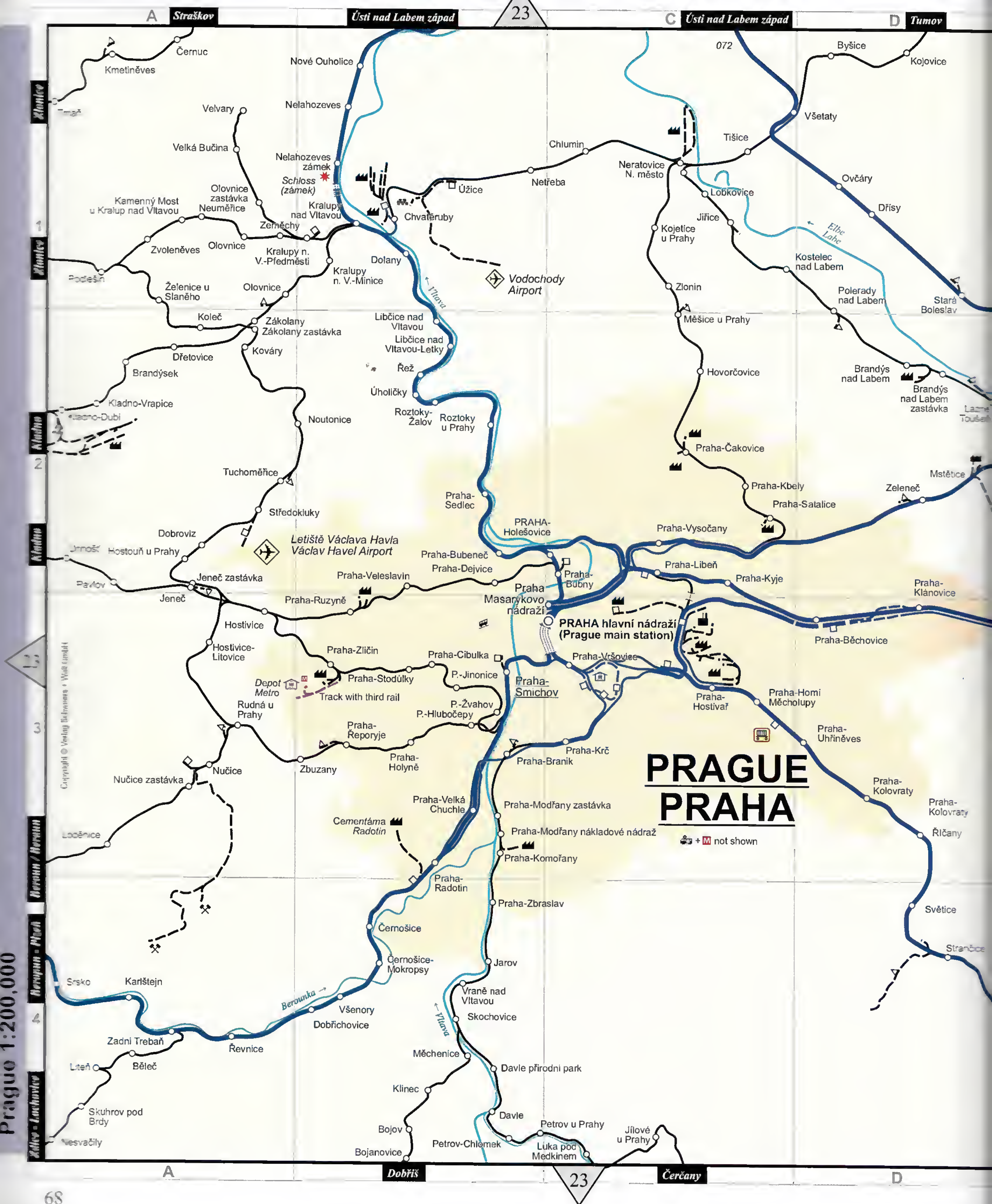

A
Valladolid
33
C
D
Tres Cantos
El Goloso
Universidad P. Comillas
Valdelasfuentes
Alcobendas-S.S. de los Reyes
Cantoblanco Universidad
Las Matas
Pinar de las Rozas
Manzanares
Cercanias de Fuendarral
Aeropuerto Madrid
Aeropuerto T4
MAD
Tunel de Pitis
Pitis
Ramon y Cajal
Cercania Fuente de la Mora
las Rozas (de Madrid)
Chamartin (724m)
El Barrial-C. Com. Pozuelo
Aravaca
Pozuelo
Nuevos Ministerios
MADRID
+ M not shown
Torrejon de Ardoz
Rio Jarama
Principe Pio (Estación del Norte)
Sol
Recoletos
Madrid Atocha
Delicias
Museo del Ferrocarril de Madrid
Asamblea de Madrid-Entrevias
El Pozo
Vallecas
Santa Eugenia
Puerta de Arganda
Villaverde Bajo
Zarzaquemada
Villaverde Alto
San Cristobal de los Angeles
Leganes
Las Margaritas-Universidad
San Cristobal Industrial
El Casar
Parque Polvoranca
Getafe
Getafe Industrial
la Serna
Aeropuerto militar
Fuenlabrada
MAD
Humanes
Parla
Pinto
Parco de Ocio
Rio Jarama
Torrijos
A
33
Toledo
B
C
D


Oceano Atlântico
Malveira
Alcainça Moinhos
Mafra
Linha do Oeste
Praia das Maçãs
1000 mm
Sintra
Portela de Sintra
Linha de Sintra
Algueirão Mem Martins
Mercês
Meleças
Sabugo
Telhal
Rio de Mouro
Agualva-Cacém
LISBON
LISBOA
+ M not shown
900 mm
Aeroporto
LIS
Queluz / Belas
Amadora
Reboleira
Monte Abraão
Benfica
Sta. Cruz Damaia
Entrecampos
Linha de Cintura
Roma-Areeiro
Campolide
Santa Iria de Azoia
Linha do Norte
Bobadela
LISBOA Oriente
Braço de Prata
Sete Rios
LISBOA Santa Apolónia
Santos
Rossio
Cais de Sodré
Cais da Rocha
Fluvial de Belém
Cruz Quebrada
Caxias
Comboio - Algés
Dos Comboios
Cascais
São João de Estoril
Linha de Cascais
São Pedro de Estoril
Parede
Carcavelos
Oeiras
Santo Amaro
Ponte 25 de Abril
Rio Tejo
Pragal
Lavradio
Barreiro
Baixa da Banheira
Corroios
Costa da Caparica
Transpraia
Foros de Amora
Fogueteiro
Linha do Sul
Coina
Oceano Atlântico

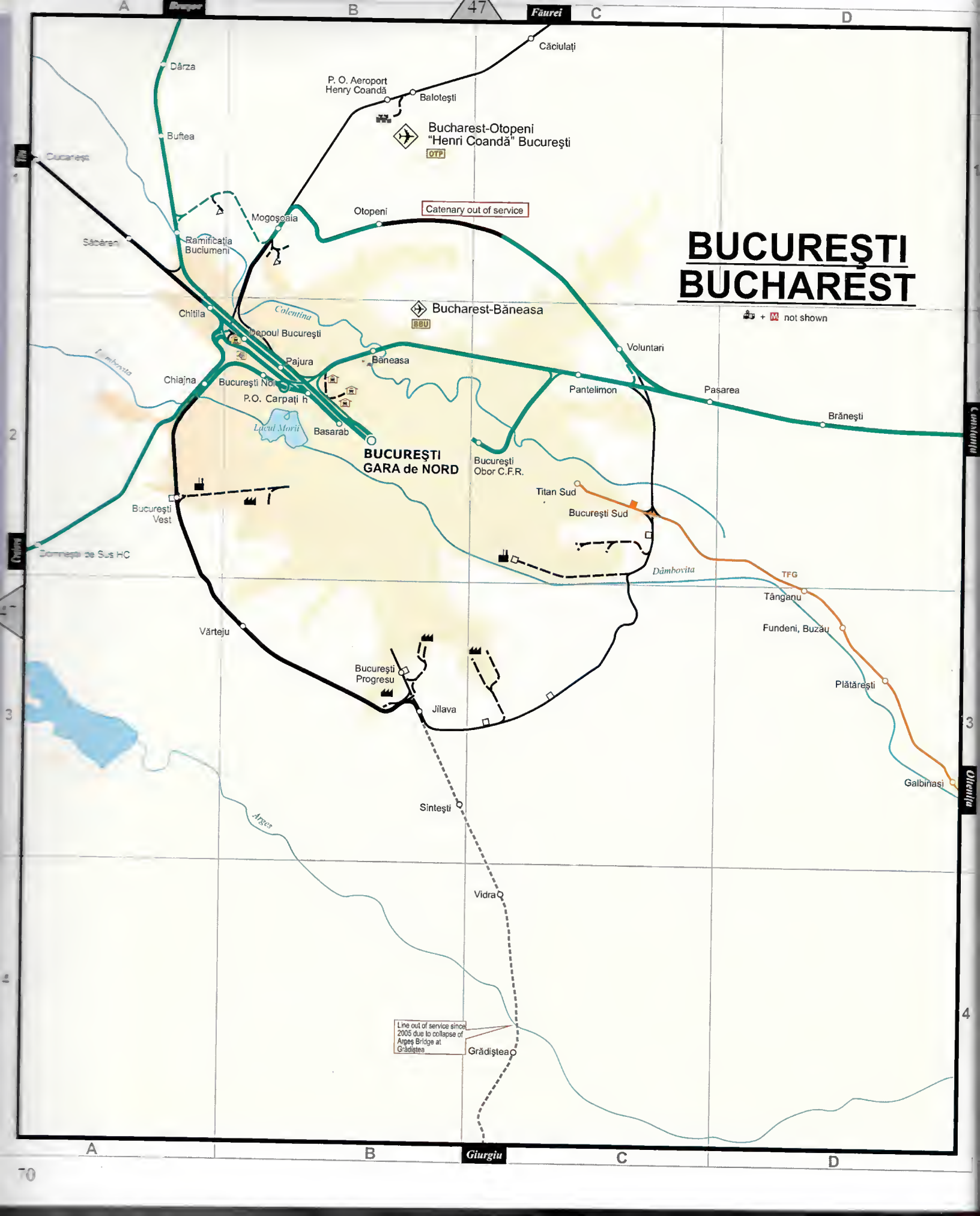

A
Retz
B
26
C
Mistelbach
D
Mistelbach
Würnitz-
Hetzmannsdorf
(260 m)
Sierndorf
(187 m)
Ober Olberndorf
Rohrbach
Hausleiten
Rückersdorf-
Harmannsdorf
(178 m)
Stockerau (173 m)
Spillern
Leobendorf-
Burg Kreuzenstein
18,8
Stetten
AB Pionierpark
AB Agrar-
speicher
AB
Fetter
AB
Flaga
Umspannwerk
Greifenstein-
Altenberg
Donau
Höflein
a.d.Donau
Korneuburg
(170 m)
Langenlebarn
Muckendorf-
Wipfing
St. Andrä-
Wördern
(169 m)
Zeiselmauer-
Königstetten
Kritzendorf
Unter Kritzendorf
Korneuburg
Donaulände
Bisamberg
Klosterneuburg-
Kierling
Langenzersdorf
Klosterneuburg-
Weidling
Nordwestbahn
Franz-Josefs-Bahn
W Strebersdorf
Kahlenberg
484 m
W Jedlersdorf
W Leopoldau
Hermannskogel
542 m
W Brünner Str.
W Siemensstr
W Nußdorf
Wien
Brigittenau
Wien Floridsdorf
Wien Heiligenstadt
W Oberdöbling
W Krottenbachstr.
W Handelskai
Wienerwaldtunnel
(11600 m)
WIEN
VIENNA
W Gersthof
W Donau-
uferbf
W Erzh.-Karl-Str
W Hernals
Wien FJB
W Nord-
westbf
W Nord
W Nord
Fbf
W Stadlau
+ U not shown
WLB not shown
Purkersdorf-
Gablitz
Purkersdorf
Sanatorium
Hadersdorf-
Weidlingau
W Ottakring
Wien Mitte
10 ‰
Weidlingau-
Wurzbachtal
Unter
Purkersdorf
(243 m)
Wien Hütteldorf
W Breitensee
Wien
Westbf
W Donaukaibf
W Praterkai
Wien
W Rennweg
Unter
Tullnerbach
Wiener Wald
Lainzer Tunnel
(10900 m)
Wien
Hauptbf
W Südtiroler
Platz
W St. Marx
W Penzing
W Meidling
W Speising
Maxing
W Matz-
leinsdorf
W Haidestr
Ostbahn
W Simmering
W Hetzendorf
Wien
Grillgasse
Hochstöckl
473 m
W Atzgersdorf
Südbahn
Inzersdorf
Pbf
Wien
Inzersdorf
W Zentralfriedhof
WLB
Wien Zvbf
Perlmoos
Cement works
W Liesing
W Blumental
Waldmühle
Perchtolds-
dorf
Eichberg
558 m
A
26
B
C
D

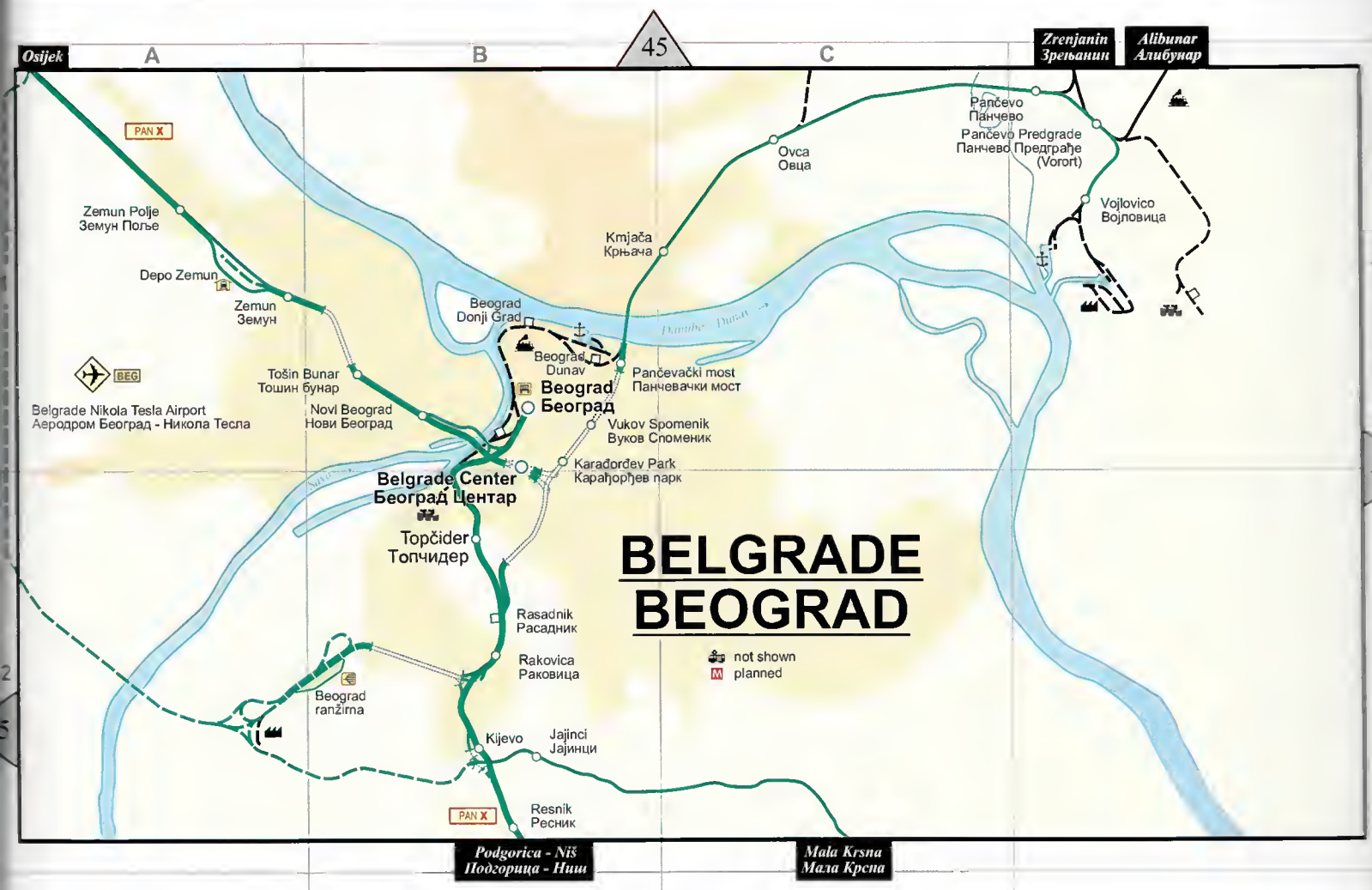
A
Porto Ceresio
Lugano
B
38
C
Colico
D
Mendrisio
Balerna
Chiasso
Arcisate
Induno-Olona
Varese
FNM
Malnate
Rodero-Valmorea
Como S.G.
Como Nord Lago
Como Nord Borghi
Como Nord Camerlata
Albate-Camerlata
Lago di Como
M. Boletto 1236 m
M. Palanzone 1436 m
Canzo-Asso 50,4
Canzo
Caslino
Pontelambro
Lezza-Carpesino
Erba
Merone
Molteno
Oggiono
Valmadrera
Civate
Lago di Lecco
Lecco (214 m)
Pizzo d'Erna (1329 m)
Malnago (601 m)
I Canti 1563 m
Lecco Maggianico
Vercurago-S. Girolamo
Calalziocorte-Olginate (210 m)
10 ‰
Airuno
Cisano-Caprino Bergamasco (262 m)
11 ‰
Pontida (297 m)
Ambivere-Mapello (271 m)
Paderno-Robbiate
Calusco (263 m)
Terno (233 m)
Bergamo
Vedano Olona
Venegono Sup.-Castiglione Olona
Venegono Inferiore
Tradate
Tradate-Abbiate Guazzone
Locate Varesino-Carbonate
Mozzate
Cislago
Gerenzano-Turate
Gallarate
Busto Arsizio
TEN 24
Castellanza
Rescaldina
Busto Arsizio Nord
Legnano
Canegrate
Parabiago
Portichetto-Luisago
Fino Mornasco
Cadorago
Caslino al Piano
Lomazzo
Rovellasca-Manera
Rovello Porro
Saronno
Saronno Sud
Caronno-Pertusella
Cesate
Garbagnate M.
Garbagnate Parco d. Groane
Bollate Nord
Bollate Centro
Novate Milanese
Cucciago
Cantù
Cantù-Cermenate
Carimate
Camnago-Lentate
Seveso
Cesano Maderno
Bovisio Masciago-Mombello
Varedo
Palazzolo M.
Paderno Dugnano
Cusano M.
Cormano-Brusuglio
Inverigo
Arosio
Mariano
Meda
Seregno
Desio
Lissone-Muggiò
Costa Masnaga
Renate-Veduggio
Besana
Triuggio-Ponte Albiate
Cernusco-Merate
Osnago
Carnate-Usmate (222 m)
Macherio-Sovico
Arcore
Villasanta
M. Sobborghi
Monza
Sesto S. Giovanni
F. Adda
F. Brembo
Rho
Vanzago-Pogliano
Pregnana Milanese
Vittuone-Arluno
Corbetta-S. Stefano Ticino
Magenta (140 m)
TEN 6
Novara
MILANO
+ M not shown
Milano Nord Cadorna
Milano Centrale
Milano P. Genova
Corsico
Trezzano sul Naviglio
Gaggiano
Milano S. Cristoforo
Abbiategrasso
Albairate-Vermezzo
Segrate
Pioltello-Limito
Vignate
Melzo Scalo
Melzo
Pozzuolo Martesana
Trecella
Cassano d'Adda
T. Ovest
Treviglio 33,1/64,6/0,0 (123 m)
Brescia
Milano Smistamento
MIL
Milano Rogoredo
Lombardia
S. Donato Milanese
Borgo Lombardo
S. Giuliano Milanese
Locate Triulzi (98 m)
Melegnano (98 m)
S. Zenone al Lambro
Tavazzano (84 m)
189,3
Chem Terminal
Lodi 182,7 (79 m)
TEN 1
F. Adda
Villamaggiore (94 m)
Certosa di Pavia (90 m)
Vigevano
F. Ticino
Linea AV/AC
Linea tradizionale
A Pavia
B Pavia
38
C
Bologna
Piacenza
1
2
3
4

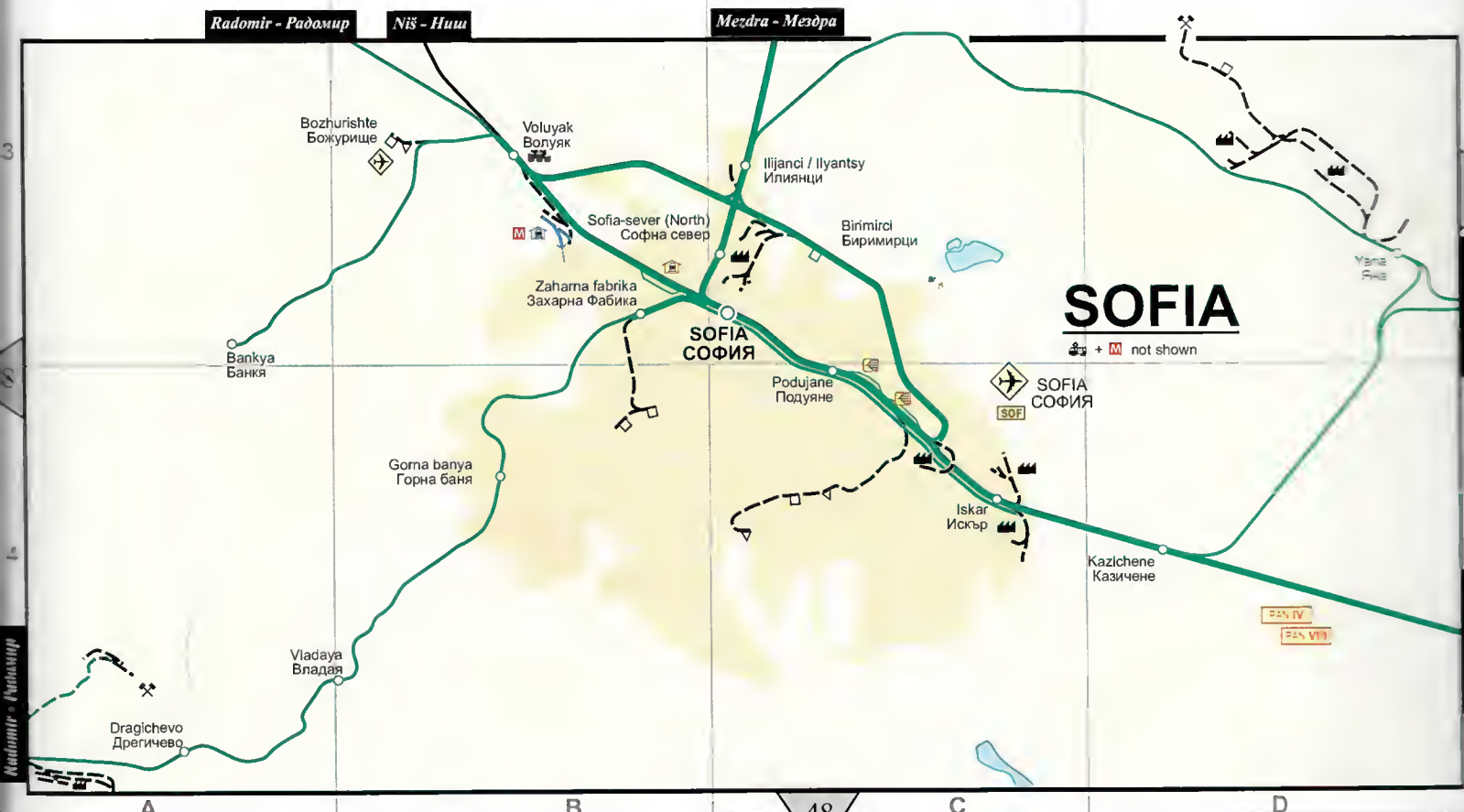

ROMA
+ M not shown
Lazio
Colli Albani
Monti Prenestini
La Giustiniana
La Giustiniana Prima Porta La Celsa
Grottarossa
Met.Ro.
Fidene
Roma Smistamento
Tor di Quinto
Roma Monte Mario
Roma Nomentana
Roma Tiburtina
Roma Termini
Lunghezza
Guidonia-Montecelio-S. Angelo (93 m)
Marcellina-Palombara (170 m)
Vicovaro (271 m)
Castel Madama (266 m)
Bagni di Tivoli (70 m)
Tivoli (232 m)
Maccarese-Fregene
Roma Aurelia
Roma S. Pietro
Roma Tuscolana
Roma Prenestina
Roma Ostiense
Roma Casilina
Giardinetti
Pantano Borghese
Grotte Celoni
Ponte Galéria
FCO
Fiumicino Aèroporto
Vitinia
Acilia
Casal Bernocchi-Centro Giano
Torricola
Ciampino
CIA
Colle Mattia
Tor Vergata
Colonna Galleria
Zagarolo (315 m)
Frascati
Galleria Colli Albani (6628 m)
Lábico
Marino Laziale
Castel Gandolfo
Albano Laziale
Pavona
Ostia Antica
Lido di Ostia Nord
Stella Polare
Castel Fusano
Lido di Ostia Centro
Cristoforo Colombo
Pomézia-S. Palomba
Società di Gestione Terminali Ferro Stradali SpA
Direttissima Roma - Napoli
Cecchina
Lanuvio
Velletri
TEN 1
Linea 41 4C Roma - Napoli
Roma
Aversa
Roma
Cancello
Cancello
Napoli
NAPOLI
+ M not shown
Giugliano-Qualiano
S. Antimo-S. Arpino
Frattamaggiore
Acerra
Casoria-Afragola
Quarto
SEPSA
Pianura
NAP
Napoli Centrale
NA Montesanto
Pozzuoli
Bagnoli
Napoli Campo Flegrei
Pietrarsa
Portici
Ercolano
Vesuvio 1281 m
Torre del Greco
S. Maria La Bruna
Torre Annunziata Centr.
Golfo di Napoli
Castellamare di Stabia
Gragnano
Pompei Santuario
Pompei
Scafati
Boscoreale
Cangiani
Terzigno
Ottaviano
Somma
Pólla
Circumvesuviana
S. Giorgio a. Cr.
S. Anastasia
Pomigliano d'Arco
Marigliano
Scisciano
Saviano
Nola
Cimitile
Camposano (45 m)
Avella (184 m)
Baiano (196 m)
Toppola Grande 1368 m
Santuario di Montevergine
M. Faito 1098 m
Palma-S. Gennaro (49 m)
Torre Savaio 847 m
M. Torrenone 1071 m
Sarno (22 m)
Striano
Poggio-marino
S. Giuseppe V.
S. Pietro
S. Valentino Torio
Lavorate (37 m)
Codola
Angri
Pagani
Nocera Inferiore
Nocera Superiore
Roccapiemonte
Montoro Inferiore
Mercato S. Severino
Baronissi
Pellezzano
Cava dei Tirreni
M. Cerreto 1316 m
Salerno
CV
Circumvesuviana
SEPSA
NAP


Straškov
Ústí nad Labem západ
23
Ústí nad Labem západ
Turnov
A
C
D
072
Černuc
Kmetiněves
Nové Ouholice
Byšice
Kojovice
Všetaty
Velvary
Nelahozeves
Velká Bučina
Nelahozeves zámek
Schloss (zámek)
Chlumín
Tišice
Neratovice N. město
Ovčáry
Netřeba
Úžice
Lobkovice
Dřísy
Kamenný Most u Kralup nad Vltavou
Olovnice zastávka
Neuměřice
Kralupy nad Vltavou
Chvatěruby
Jiřice
Kojetice u Prahy
Elbe Labe
Zeměchy
Zvoleněves
Olovnice
Kralupy n. V.-Předměstí
Dolany
Kostelec nad Labem
Podlešín
Kralupy n. V.-Minice
Vltava
Vodochody Airport
Želenice u Slaného
Olovnice
Zlonín
Polerady nad Labem
Stará Boleslav
Koleč
Zákolany
Zákolany zastávka
Libčice nad Vltavou
Libčice nad Vltavou-Letky
Měšice u Prahy
Dřetovice
Kováry
Řež
Brandýsek
Hovorčovice
Brandýs nad Labem
Brandýs nad Labem zastávka
Úholičky
Kladno-Vrapice
Kladno-Dubí
Noutonice
Roztoky-Žalov
Roztoky u Prahy
Praha-Čakovice
Tuchoměřice
Mstětice
Praha-Kbely
Zeleneč
Středokluky
Praha-Sedlec
Praha-Satalice
PRAHA-Holešovice
Dobroviz
Praha-Vysočany
Letiště Václava Havla
Václav Havel Airport
Hostouň u Prahy
Praha-Bubeneč
Praha-Dejvice
Praha-Libeň
Pavlov
Jeneč zastávka
Praha-Veleslavín
Praha-Bubny
Praha-Kyje
Praha-Klánovice
Jeneč
Praha-Ruzyně
Praha Masarykovo nádraží
PRAHA hlavní nádraží (Prague main station)
Hostivice
Praha-Běchovice
Hostivice-Litovice
Praha-Zličín
Praha-Cibulka
Praha-Vršovice
Depot Metro
Praha-Stodůlky
P.-Jinonice
Praha-Smíchov
Track with third rail
Praha-Hostivař
Praha-Horní Měcholupy
Rudná u Prahy
P.-Žvahov
P.-Hlubočepy
Praha-Řeporyje
Praha-Uhříněves
Praha-Krč
Praha-Holyně
Praha-Braník
Nučice
Nučice zastávka
Zbuzany
PRAGUE
PRAHA
Praha-Kolovraty
Praha-Kolovraty
Praha-Velká Chuchle
Praha-Modřany zastávka
Loděnice
Cementárna Radotín
Praha-Modřany nákladové nádraží
Říčany
+ not shown
Praha-Komořany
Praha-Radotín
Praha-Zbraslav
Světice
Černošice
Strančice
Černošice-Mokropsy
Jarov
Srbsko
Karlštejn
Berounka
Vraně nad Vltavou
Všenory
Dobřichovice
Skochovice
Zadní Třebaň
Řevnice
Měchenice
Lety
Běleč
Davle přírodní park
Klinec
Skuhrov pod Brdy
Davle
Petrov u Prahy
Jílové u Prahy
Bojov
Nesvačily
Petrov-Chlomek
Luka pod Medníkem
Bojanovice
Dobříš
Čerčany
Kladno
Beroun / Beroun
Beroun - Plzeň
Zdice - Lochovice
Copyright © Verlag Schweers + Wall GmbH
Prague 1:200,000


44
A
B
C
D
Vác - Bratislava
Vác
Szöd - Szödliget
Vácrátót
Váchartyán
Felsögod
Göd
PAN IV
TEN 22
Örbottyán
Vicziántelep
Erdökertes
Veresegyház
Csomád
Szivacs
Dunakeszi-gyártelep
Dunakeszi
Dunakeszi alsó
Fótújfalu
Fót
Pázmáneum
Pilisvörösvár
Solymár
Üröm
Óbuda
Aquincum
Újpest
Angyalföld
Hüvösvölgy
Gyermekvasút (children's railway)
760 mm
Vasuttöréneti Park (Railway Park)
BUDAPEST
+ M not shown
BUDAPEST-NYUGATI (West stn.)
Rákosrendező
Széchenyi hegy
BUDAPEST-DÉLI (South stn.)
BUDAPEST-KELETI (East stn.)
Rákoscsaba
Rákosliget
Rákoscsaba-Újtelep
Köbánya alsó
Rákos
Budapest-Ferencvárosi
Budapest-Kelenföld
Budaörs
Budapest-Soroksári
Pesterzsébet (Freight stn.)
Pesterzsébet
Budafok-Albertfalva
Köbánya-Kispest
Rákoshegy
Pestszentlörinc
Kispest
Fényágyu
Ferihegy (Terminal 1)
Airport Budapest Liszt Ferenc (Nemzetközi Repülötér)
BUD
Vecsés
Vecsés-Kertekalja
Soroksár
Pestszentimre
Érdliget
Nagytétény
Tétényliget
Érd-Alsó
Tárnok
Dunaharaszti
Százhalombatta
Taksony
Felsöpakonyi
Pusztaszabolcs
Kiskunlacháza


BUCUREŞTI
BUCHAREST
+ M not shown
Făurei
Giurgiu
Dârza
Căciulaţi
P. O. Aeroport
Henry Coandă
Baloteşti
Bucharest-Otopeni
"Henri Coandă" Bucureşti
OTP
Buftea
Otopeni
Catenary out of service
Mogoşoaia
Ramificaţia
Buciumeni
Chitila
Colentina
Bucharest-Băneasa
BBU
Depoul Bucureşti
Pajura
Băneasa
Voluntari
Chiajna
Bucureşti Noi
P.O. Carpaţi h
Pantelimon
Pasarea
Brăneşti
Lacul Morii
Basarab
BUCUREŞTI
GARA de NORD
Bucureşti
Obor C.F.R.
Titan Sud
Bucureşti Sud
Bucureşti
Vest
Dâmbovita
TFG
Tânganu
Fundeni, Buzău
Vârteju
Bucureşti
Progresu
Jilava
Plătăreşti
Galbinaşi
Sinteşti
Arges
Vidra
Line out of service since
2005 due to collapse of
Arges Bridge at
Grădiştea
Grădiştea


Osijek
A
B
45
C
Zrenjanin
Зрењанин
Alibunar
Алибунар
PAN X
Pančevo
Панчево
Pančevo Predgrade
Панчево Предграђе
(Vorort)
Ovca
Овча
Vojlovica
Војловица
Zemun Polje
Земун Поље
Kmjača
Крњача
Depo Zemun
Zemun
Земун
Beograd
Donji Grad
Danube
Дунав
Beograd
Dunav
Pančevački most
Панчевачки мост
BEG
Tošin Bunar
Тошин бунар
Beograd
Београд
Belgrade Nikola Tesla Airport
Аеродром Београд - Никола Тесла
Novi Beograd
Нови Београд
Vukov Spomenik
Вуков Споменик
Karađorđev Park
Карађорђев парк
Belgrade Center
Београд Центар
Topčider
Топчидер
BELGRADE
BEOGRAD
not shown
M planned
Rasadnik
Расадник
Rakovica
Раковица
Beograd
ranžirna
Kijevo
Jajinci
Јајинци
PAN X
Resnik
Ресник
Podgorica - Niš
Подгорица - Ниш
Mala Krsna
Мала Крсна


Radomir - Радомир
Niš - Ниш
Mezdra - Мездра
Bozhurishte
Божурище
Voluyak
Волуяк
Ilijanci / Ilyantsy
Илиянци
Sofia-sever (North)
Софна север
Birimirci
Биримирци
Zaharna fabrika
Захарна Фабика
SOFIA
СОФИЯ
Bankya
Банкя
Podujane
Подуяне
SOFIA
СОФИЯ
SOF
SOFIA
+ M not shown
Gorna banya
Горна баня
Iskar
Искър
Kazichene
Казичене
Vladaya
Владая
Dragichevo
Дрегичево
A
B
48
C
D


KEY:
= Athens Railway Musem
1000 mm (out of service)
1000 mm + 1435 mm
ex 1000 mm
Metro Station (Attiko Metro)
"Iliektrikos" (★ 1869 Pireas - Thissio,) 750 V DC
750 V DC
750 V DC / 25 kV AC
Lykavittos Funicular
Tram
O. = Omonia
S. = Syntagma
1000 mm narrow gauge railway out of service
Electrification under construction, conductor cable partially stolen
Inofyta
Ag. Thomas
Avlonas
Sfendali
Haradra
Polydendri
Afidnes
Limni Marathona
Mt. Parnitha 1413 m
Ag. Stefanos
Dekeleia
Thriassio Pedio
under construction
Magoula
Proastiakos
Liossia-T. (916 m)
Ano Liossia
SKA (Sidirodromiko Kentro Acharne)
Kifissia
ISAP
Mt. Pendeli 1108 m
Metamorfosi
Likotripa
Iraklio
Neratziotissa
Kifissias
Penteli
Plakentias
Rafina
branch to Rafina planned
Pallini
Nea Peramos
Trikerato-T. (1793 m)
Elefsis Shipyards
out of service
Ag. Anargyri
electrification under construction
Irini
Dafni-T. (9786 m)
Ag. Antonios
Ag. Marina
Attiki
Metro Attiko
Athens (Athina Larissa)
Mt. Egaleo
Hellenic Shipyards Skaramagas
goods traffic only
Extension to Pireas planned
Kifissos
Thissio
Rentis
Rouf
Néo Ikónio
Lefka
Faliro
SEF
Pireas Πειραιά
Tram extension to Pireas planned
Salamina
Kaki Vigla
Kandja
Αεροδρόμιο Αθηνών "Ελευθέριος Βενιζέλος"
Spata / Airport "Eleftherios Venizelos"
Koropi
Mt. Ymittos 1026 m
Ag. Dimitrios
ATHENS
Elliniko
Airport out of service
extension to Lavrio planned
Voula
Βούλα
Saronikos Kolpos
→ Cyclades Dodekanissa Kriti Cyprus Italy
= The Line from Pireas to Athens (Thissio) was the first railway in Greece opened in 1869, electrified in 1904, ISAP "Iliektrikos", extensions 1885 - 1957
Attiko Metro, openend in 2002
= Tram A.E. (Attiko Metro), openend in 2004
former narrow gauge railway to Lavrio (1000 mm, + 1957)
Souvala
Egina
Ag. Marina
Aegistri